
JOB ANALYSIS FOR THE STERILE PROCESSING AND DISTRIBUTION TECHNICIAN CERTIFICATION EXAM



Conducted on behalf of:

The Certification Board for Sterile Processing and Distribution, Inc. (CBSPD)

By

Tony Bonell, Statistician

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Mission of CBSPD

To promote and encourage high standards of ethical and professional practice through a recognized, credible credentialing program that assures the competency of sterile processing and distribution personnel.

Acknowledgements

I would like to thank the people who provided invaluable assistance during this study. In an acknowledgement such as this, I may not have mentioned some helpful people. The omission is inadvertent.

I thank the many Sterile Processing and Distribution Technicians who provided significant expertise to ensure the project was of the highest quality: Task Force Committee members, and Test Specifications Committee members. Above all, I thank the many Sterile Processing and Distribution Technicians who took time away from their busy schedules to complete the job analysis survey over the Internet.

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CBSPD Sterile Processing and Distribution Technician Certification Examination Job Analysis Report

Introduction

A job analysis was conducted for the Sterile Processing and Distribution Technician Certification examination by the Certification Board for Sterile Processing and Distribution (CBSPD). The study, including development of the survey instrument, was led by CBSPD staff in consultation with Tony Bonell (Statistician). CBSPD staff worked with the Board of Directors of the CBSPD as well as a group of Sterile Processing and Distribution Technicians to develop the survey instrument. This report describes the survey instrument and the results of the survey analyses. The survey data analysis was conducted by CBSPD.

The Use of Job Analyses

Professional licensing and certification programs generally use a content validation strategy as the basis for documenting the appropriateness of their examinations. In this context, content validity refers to the degree to which the items on the certification examination are representative of the knowledge, skills, and abilities that are necessary to perform the job at the designated level. Unlike criterion-related validity, which is based on statistical inference, content validity relies on the integrity of the developmental process for assurances that an examination is measuring what it is supposed to measure, that trustworthy inferences may be drawn from test result and that the test will be fair to all applicants. Both professional standards and legal guidelines for testing stipulate that a job analysis is a crucial step in the demonstration of content validity.

The use of a job analysis is the first step in ensuring that important knowledge and skills required for entry level performance as a certified Sterile Processing and Distribution Technician, whose principal area of practice is sterile processing and distribution, are included in the construction of a certification test for this profession. A job analysis is a systematic procedure for identifying the performance domain of a job (i.e., important job dimensions within those dimensions) and the knowledge domain that is necessary to perform the job at the level of interest, in this case, that of a certified entry-level *sterile processing and distribution technician*. The *American Educational Research Association (AERA)*, the *American Psychological Association (APA)* and the *National Council on Measurement in Education (NCME)* have collaborated on the joint development of the *Standards for Educational and Psychological Testing* which was published in 1966 and republished recently in 2016. The standard states that a job analysis is the basis for the questions asked in a certification examination.

The Survey Instrument Methodology

The CBSPD Board of Directors initiated the review of the existing Technician Test Specifications which were based on the previous Technician Job Analysis Survey performed in 2012. The Board review was performed by Karen Swanson, CSPM, Chairperson of the Board of Directors, Nancy Chobin, RN, CSPM, Executive Commissioner, Sue McManus, RN, CSPM, Executive Commissioner, and Jeanette Bakker, CSPM, Executive Commissioner. The Technician Representative position on the Board was vacant at the time of the review. After reviewing the content, suggestions and comments were solicited and modifications changes made. Then a peer review group was sent the survey document for their input. The Peer Review group included; Erika Klarr, CSPM, Manager, Corporate Surgical Supply and Sterilization, Martins Ferry, OH; Teresa Silva, CSIS, Lead Technician, Sterile Processing, Connecticut Children's Hospital, Hartfoed, CT; Ibis Mazzarella, CSPDT, Sterile Processing Technician, Connecticut Children's Ambulatory Surgery Center, Farmington, CT; Javier Vega Acevedo, Lead Technician, SSM Health, St. Mary's Hospital, Madison, WI; Martha Caprenter, CSPDT, Sterile Processing technician, Rush Hospital and Medical Center, Meridien, MS; Auston Essix, CSPDT, Sterile Processing Technician, Rush Hospital and Medical Center, Meridien MS; Sterile Processing Technicians Lila Price; Patricia Boden, Patrick Taylor, Cherry Pierson and Victoria Must, University of Florida Health, Gainesville, FL. After all the comments were received, the final document was developed. The survey consisted of three sections consisting of (I) Demographic Information; (II) Importance of Knowledge and Frequency of Use on the Job and (III) Recommendations for test content. There was another section for Ranking the Tasks (IV). The survey was designed to take less than one hour to complete. Appendix "A" contains a copy of the job analysis instrument.

Frequency Statements

The frequency, or frequency statements used in the survey, were designed to determine how often Sterile Processing and Distribution Technicians, with at least one year of practice, perform these tasks in their day-to-day roles and the importance of performing these tasks competently as a certified sterile processing and distribution technician. This portion of the survey consisted of 52 frequency statements organized by major dimensions. The major job dimensions are:

- I. Roles and Responsibilities
- II. Life Science
- III. Decontamination and Disinfection
- IV. Preparation and Handling
- V. Sterilization
- VI. Sterile Storage
- VII. Patient Care Equipment
- VIII. Ethics

Knowledge Areas

The knowledge areas incorporated into the survey were described as being representative of knowledge areas that Sterile Processing and Distribution Technicians are expected to know in their day-to-day roles after at least one years of practice to protect the health, safety, and welfare of the public. These knowledge areas are the focus of the examination. The knowledge areas were organized into eight dimensions.

- I. Roles and Responsibilities
- II. Life Science
- III. Decontamination and Disinfection
- IV. Preparation and Handling
- V. Sterilization
- VI. Sterile Storage
- VII. Patient Care Equipment
- VIII. Ethics

The survey consisted of 52 such knowledge statements.

Ratings

For the frequency statements, respondents were asked to evaluate each for importance. For the knowledge areas, respondents were requested to provide importance ratings as well. The rating scales used in the task section and knowledge area section of the survey were:

Frequency Importance

How important is performance of the frequency for a newly certified (after one year of practice) Sterile Processing and Distribution Technician to practice in a manner that protects the health, safety, and welfare of the public?

- 0 Very low importance
- 1 Low importance
- 2 Average importance
- 3 High importance
- 4 Very High Importance

Knowledge Areas Importance

How important is performance of this knowledge for a newly certified (after at least one years of practice) Sterile Processing and Distribution Technician to practice in a manner that protects the health, safety, and welfare of the public?

- 0 Very low importance
- 1 Low importance
- 2 Average importance
- 3 High importance
- 4 Very High Importance

These ratings are direct measures of the importance of each statement for competent performance and permits the direct analysis of respondent's agreement with the committee.

Recommendation for Test Content

In Part III of the survey, the participants were asked to provide the percentage weight (emphasis) they would recommend as content for an examination. This was accomplished by distributing 100 questions across eight major knowledge areas. These questions distributions were converted into percentages, within five point intervals, representing the percent of items that the survey respondents believed should be devoted to each area. This rating can be used by the test specifications committee as a guide for emphasizing or de-emphasizing content in the examination.

Participant Background Information

Eleven demographic questions were asked in the survey. Demographic questions are used to insure that the appropriate people are responding to the survey and to subdivide and compare responses of different groups of respondents to knowledge statements for fairness purposes.

Survey Administration

The data from the survey was downloaded into MS Excel files and formatted for processing. The survey was administered using Survey Monkey a Web Survey administrator. The CBSPD office staff sent an email invitation to all current CSBPD certified sterile processing technicians encouraging them to participate and complete the survey. In addition, notices were posted on the CBSPD webpage advising of the Job Analysis Survey. The N=14, 361 e-mail invitations contained the Internet link to access the survey of those invitations about one third returned a valid response N=4,787. N=1,132 examinees completed the survey, and their responses were used in the analyses.

The purpose of the survey was to identify a list of knowledge areas that relatively large numbers of professional judge to be important for newly certified Sterile Processing and Distribution Technicians. This objective is accomplished through an analysis of mean importance ratings provided by the survey respondents overall and by appropriate subgroups of respondents (e.g., gender, race/ethnicity, sub discipline, experience, etc.). Knowledge statements are judged to be important by the overall group of Sterile Processing and Distribution Technicians and by all relevant subgroups define the core. The core becomes the primary foundation for the development of test specifications. The derivation of test specifications from those statements verified as important by the surveyed professionals provides a substantial evidential basis for the content validity of a resulting certification examination.

Mean Importance ratings

Two types of analyses were conducted to support the development of content valid test specifications: (1) means were computed on the importance ratings for each frequency and knowledge statement by the overall respondent group of practicing professionals and by several relevant subgroups of respondents, and (2) frequencies of the background information were computed for the total respondent group.

A subgroup category was required to have at least 30 respondents to be included in the mean analysis (e.g., >= 30 females). This was a necessary condition to ensure that the mean value based upon sample of respondents is a reasonably accurate estimate of the corresponding population mean value. There were insufficient number numbers of individuals in several subgroups for these analyses. This resulted in combining certain subgroups.

Criterion for Interpretation of Mean Importance Ratings

Since the purpose of a job analysis is to ensure that only the most important knowledge statements are included in the development of test specifications, a criterion for inclusion needed to be established. A criterion that has been used in similar studies using a similar rating scale at CBSPD is a mean importance rating that represents the midpoint between moderately important and important. For the importance rating scale used in the present job analysis, the value of this criterion is 2.50. It is believed that this criterion is consistent with the intent of content validity, which is to include only important knowledge and skills in the assessment measure. Therefore, statements that receive a mean importance rating of 2.50 or more may be considered eligible for inclusion in the development of test specifications knowledge statements between 2.40 and 2.49 are considered borderline and can be included in the test specifications only if solid written rationale supporting their inclusion can be provided. Typically many of these borderline statements and all of those statements with the mean ratings well below the cutoff of 2.50 (i.e., with ratings of 2.39 and lower) may not be considered for inclusion in the development of test specifications.

Analyses and Results

Response Rate

It was reported that near N=14,361 certificant were targeted but only one third of those N=4,787 returned valid email addresses. There were N=1,132 respondents to the survey, resulting in a 24% response rate. The selected group of respondents is composed of the people who selected "Sterile Processing and Distribution Technician (CSPDT)" for the question "What certifications and/or licenses do you presently hold" (N=1,025). It was this sample group that was used to determine passing, borderline, and failing statements. Further, this selected sample should be used by the test specifications committee in looking at sub disciplines in deciding on depth section content outlines.

Background Information

Table 1 contains the frequency and percentage of responses of the 11 demographic questions. (i.e., questions A through K). The percentage is calculated using N=1,025 respondents who reported themselves as Certified Sterile Processing and Distribution Technicians (CSPDT). Also, the demographics for the total sample N=1,132 are presented.

Table 1

Biographical Questions Frequencies		N=1,025	
1. Which title best describes your present job? (Select one)		COUNT	PERCENT
1	Sterile Processing Technician	829	80.9
2	Ambulatory Surgery/Care Sterile Processing Technician	56	5.5
3	OR Instrument Specialist	11	1.1
4	Surgical Technician	27	2.6
5	OR Nurse	8	0.8
6	Other	94	9.2

2. What is your gender?		COUNT	PERCENT
1	Male	268	26.1
2	Female	757	73.9

3. What is your age?		COUNT	PERCENT
1	Less than 20 years of age	2	0.2
2	20-30 years of age	139	13.6
3	31-40 years of age	239	23.3
4	41-50 years of age	259	25.3
5	51-60 years of age	301	29.4
6	More than 60 years of age	85	8.3

3. How do you describe yourself?		COUNT	PERCENT
1	White (non-Hispanic)	529	51.6
2	Black or African American	254	23.8
3	Hispanic or Latino	101	9.9
4	Asian or Asian American	94	9.2
5	American Indian or Alaska Native	11	1.1
6	Hawaiian or Other Pacific Islander	8	0.8
7	Other	28	2.7

5. What is the highest level of formal education that you have completed?		COUNT	PERCENT
1	High School Diploma/GED	214	20.9
2	One Year Technical diploma	68	6.6
3	LPN diploma	8	0.8
4	RN diploma	3	0.3
5	Some college without a degree	239	23.3
6	Associate's degree	169	16.5
7	Bachelor's degree	114	11.1
8	Sterile Processing Training Course	210	20.5

6. What is your current work setting?		COUNT	PERCENT
1	Hospital	851	83.0
2	Ambulatory Care/Surgery Center	144	13.0
3	Surgical Instrument Sales or Service Company Medical or Dental Office	5	0.5
4	Medical or Dental Office	25	2.4

7. How many years of experience do you have working as a Sterile Processing Technician?		Frequency	Percent
1	Less than 1 year	46	3.5
2	1-2 years	139	13.6
3	3-5 years	193	18.8
4	6-10 years	216	21.1
5	11-20 years	263	25.7
6	More than 20 years	168	16.4

8. In which geographic location do you primarily work?		Frequency	Percent
1	Northeast US	314	30.6
2	Southeast US	215	21.0
3	Northwest US	138	13.5
4	Midwest US	197	19.2
5	Southwest US	101	9.9
6	Canada	5	0.5
7	Other	55	5.4

9. What certifications and/or licenses do you presently hold?		Frequency	Percent
1	Certified Sterile Processing and Distribution Technician (CSPDT)	1025	90.55
2	Certified Surgical Instrument Processor/Specialist (CSIP/CSIS)	46	5.12

3	Certified Registered Central Service Technician (CRCST)	40	7.33
4	OR Surgical Technologist None of the above	75	7.33
5	None of the above	2	3.09
6	Other	51	6.18

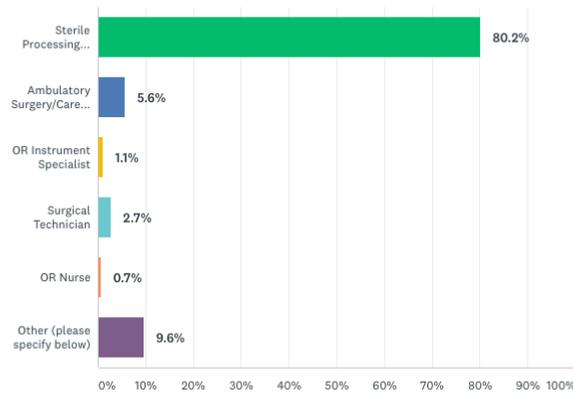
10. In which level of urbanization do you primarily work?		Frequency	Percent
1	Urban	521	50.8
2	Suburban	330	32.2
3	Rural	174	17.0

11. How many years of experience do you have working with surgical instrumentation?		Frequency	Percent
1	Less than a year	45	3.4
2	1-2 years	115	11.2
3	3-5 years	177	17.3
4	6-10 years	214	20.9
5	More than 10 years	474	46.2

Total Sample Frequencies

Q1: Which title best describes your present job?

Answered: 1,132 Skipped: 0

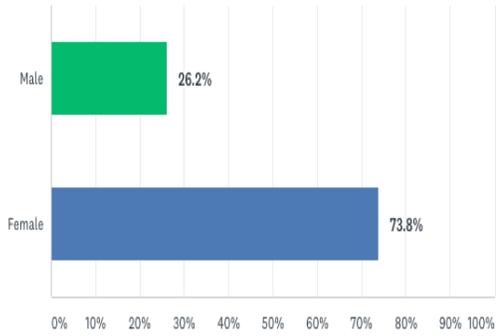


ANSWER CHOICES	PERCENT	RESPONSES
▼ Sterile Processing Technician (1)	80.2%	908
▼ Ambulatory Surgery/Care Sterile Processing Technician (2)	5.6%	63
▼ OR Instrument Specialist (3)	1.1%	13
▼ Surgical Technician (4)	2.7%	31
▼ OR Nurse (5)	0.7%	8
▼ Other (please specify below) (6)	9.6%	109
TOTAL		1,132

[Comments \(138\)](#)

Q2: What is your gender?

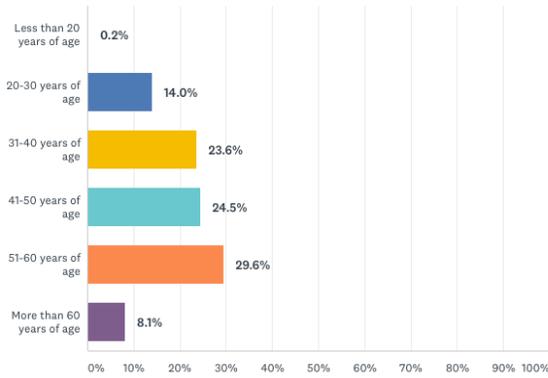
Answered: 1,132 Skipped: 0



ANSWER CHOICES	RESPONSES	
▼ Male (1)	26.2%	297
▼ Female (2)	73.8%	835
TOTAL		1,132

Q3: What is your age?

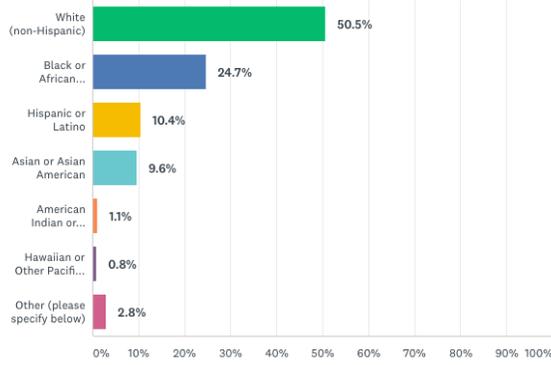
Answered: 1,132 Skipped: 0



ANSWER CHOICES	RESPONSES	
▼ Less than 20 years of age (1)	0.2%	2
▼ 20-30 years of age (2)	14.0%	159
▼ 31-40 years of age (3)	23.6%	267
▼ 41-50 years of age (4)	24.5%	277
▼ 51-60 years of age (5)	29.6%	335
▼ More than 60 years of age (6)	8.1%	92
TOTAL		1,132

Q4: How do you describe yourself?

Answered: 1,132 Skipped: 0

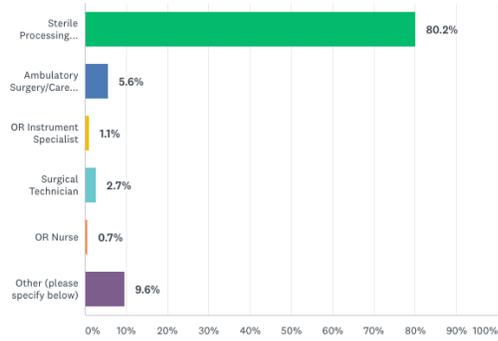


ANSWER CHOICES	RESPONSES	
▼ White (non-Hispanic) (1)	50.5%	572
▼ Black or African American (2)	24.7%	280
▼ Hispanic or Latino (3)	10.4%	118
▼ Asian or Asian American (4)	9.6%	109
▼ American Indian or Alaska Native (5)	1.1%	12
▼ Hawaiian or Other Pacific Islander (6)	0.8%	9
▼ Other (please specify below) (7)	2.8%	32
TOTAL		1,132

[Comments \(34\)](#)

Q5: What is the highest level of formal education that you have completed?

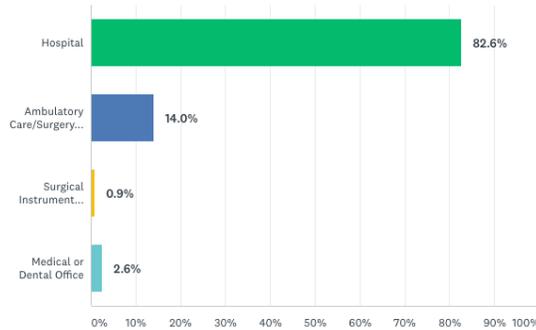
Answered: 1,132 Skipped: 0



ANSWER CHOICES	RESPONSES	
High School Diploma/GED (1)	20.8%	236
One Year Technical diploma (2)	7.0%	79
LPN diploma (3)	0.8%	9
RN diploma (4)	0.4%	4
Some college without a degree (5)	23.9%	270
Associate's degree (6)	16.5%	187
Bachelor's degree (7)	10.7%	121
Sterile Processing Training Course (8)	20.0%	226
TOTAL		1,132

Q6: What is your current work setting?

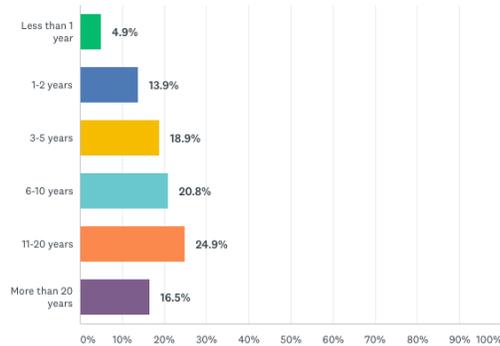
Answered: 1,132 Skipped: 0



ANSWER CHOICES	RESPONSES	
Hospital (1)	82.6%	935
Ambulatory Care/Surgery Center (2)	14.0%	158
Surgical Instrument Sales or Service Company (3)	0.9%	10
Medical or Dental Office (4)	2.6%	29
TOTAL		1,132

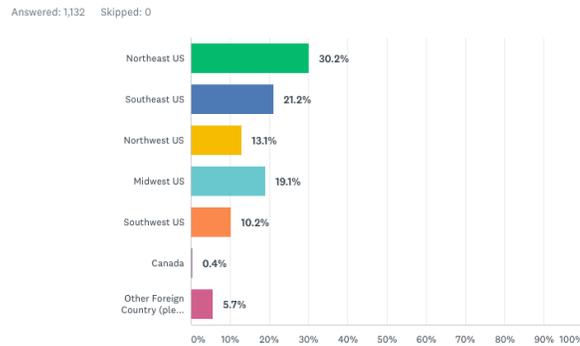
Q7: How many years of experience do you have working as a Sterile Processing Technician?

Answered: 1,132 Skipped: 0



ANSWER CHOICES	RESPONSES
Less than 1 year (1)	4.9% 56
1-2 years (2)	13.9% 157
3-5 years (3)	18.9% 214
6-10 years (4)	20.8% 236
11-20 years (5)	24.9% 282
More than 20 years (6)	16.5% 187
TOTAL	1,132

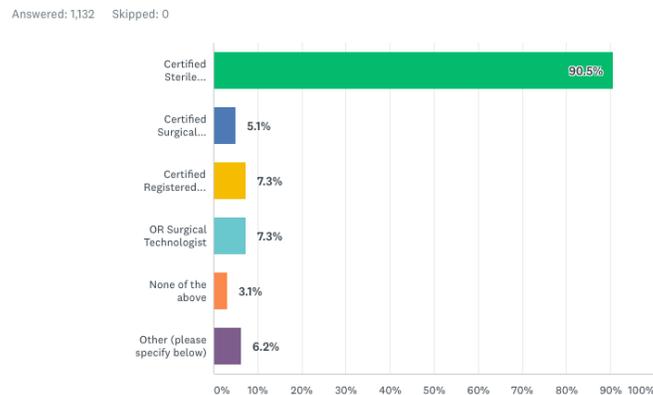
Q8: In which geographic location do you primarily work?



ANSWER CHOICES	RESPONSES
Northeast US (1)	30.2% 342
Southeast US (2)	21.2% 240
Northwest US (3)	13.1% 148
Midwest US (4)	19.1% 216
Southwest US (5)	10.2% 116
Canada (6)	0.4% 5
Other Foreign Country (please specify below) (7)	5.7% 65
TOTAL	1,132

[Comments \(75\)](#)

Q9: In which geographic location do you primarily work?

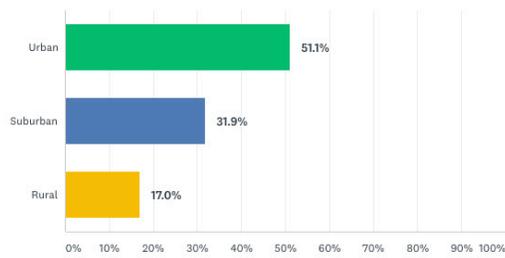


ANSWER CHOICES	RESPONSES	
▼ Certified Sterile Processing and Distribution Technician (CSPDT) (1)	90.5%	1,025
▼ Certified Surgical Instrument Processor/Specialist (CSIP/CSIS) (2)	5.1%	58
▼ Certified Registered Central Service Technician (CRCST) (3)	7.3%	83
▼ OR Surgical Technologist (4)	7.3%	83
▼ None of the above (5)	3.1%	35
▼ Other (please specify below) (6)	6.2%	70
Total Respondents: 1,132		

[Comments \(111\)](#)

Q10: In which geographic location do you primarily work?

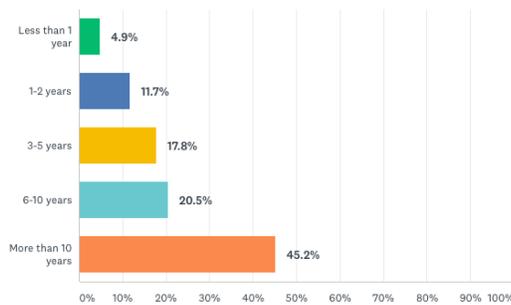
Answered: 1,132 Skipped: 0



ANSWER CHOICES	RESPONSES	
▼ Urban (1)	51.1%	579
▼ Suburban (2)	31.9%	361
▼ Rural (3)	17.0%	192
TOTAL		1,132

Q11: How many years of experience do you have working with surgical instrumentation?

Answered: 1,132 Skipped: 0



ANSWER CHOICES	RESPONSES	
▼ Less than 1 year (1)	4.9%	55
▼ 1-2 years (2)	11.7%	132
▼ 3-5 years (3)	17.8%	201
▼ 6-10 years (4)	20.5%	232
▼ More than 10 years (5)	45.2%	512
TOTAL		1,132

Frequency Statements

Appendix “B” provides respondents group means for the importance ratings for each of the 52 frequency statements by those who reported that (1) they were Certified Sterile Processing and Distribution Technicians (CSPDT). The shaded values indicate tasks that did not meet the passing criterion of importance. Other comparative tables in Appendix “B” show the mean importance subgroup rating by (2) Gender (3) Age (4) Ethnicity/Race (5) Education (6) Work Setting (7) Years of experience, (8) Geographic Region, (9) Certification and Licenses, (10) Primary Work Setting, (11) Years of Experience Working with Surgical Instrumentation. Again, the total group of respondents who were Certified Sterile Processing and Distribution Technicians is presented in Appendix “B”.

The total number of respondents who were used in the selection of the passing frequencies and knowledge areas was N=1,025. These people identified themselves as being certified.

The purpose of the frequencies is to form a linkage between those knowledge areas in the test specifications and the activities performed on the job as a professional. Those frequencies that meet or exceed the importance criterion will be used to justify knowledge placed on the examination in that each knowledge area on the test is important knowledge required to perform important tasks. This linkage forms an essential step in the evidentiary basis for test validity. It may be that different Sterile Processing and Distribution Technicians sub disciplines perform different tasks at different frequencies yet use the same knowledge.

Table 2 shows the number of statements out of the total number of frequencies within each major domain that were qualified by the total respondent sample who identified themselves as certified sterile processing technicians. Appendix “C” shows the lists of passing, borderline, and failing task lists according to this sample. Fifty-one (51) of the 52 frequency statements met the minimum mean importance rating of 2.50.

Table 2
Number of Important Frequencies Statements by Major Domain

Major Domain	Statements
I. Roles and Responsibilities	9 of 9
II. Life Science	7 of 7
III. Decontamination and Disinfection	9 of 9
IV. Preparation and Handling	10 of 10
V. Sterilization	8 of 8
VI. Sterile Storage	5 of 5
VII. Patient Care Equipment	2 of 3
VIII. Ethics	1 of 1

Knowledge Areas

Appendix “C” contains the average respondent group importance ratings for the 52 knowledge statements. These are presented first by those who reported that (1) they were certified as a Sterile Processing and Distribution Technician. The shaded values indicate knowledges that did not meet the passing criterion of importance. Other comparative areas in Appendix “D” show the mean importance subgroup ratings by (2) Gender (3) Age (4) Ethnicity/Race (5) Education (6) Work Setting (7) years of experience, (8) Geographic Region, (9) Certification and Licenses, (10) Primary Work Setting, (11) Years of Experience. Again, the total group of respondents who are certified as Sterile Processing and Distribution Technicians is presented in Appendix “D”. All 52 content statements met the minimum mean importance rating of 2.50.

No information regarding the additional write-in statements is provided in this report. Prior to the test specification committee meeting, the CBSPD will make a list of these write-in statements available for review by the test specifications committee.

As noted, the tables in Appendix “D” highlights those knowledge area statement from 1 to 52 that met or exceeded the importance criterion of 2.5 according to the selected sample of respondents who identified themselves as certified Sterile Processing and Distribution Technicians. There were 52 knowledge statements out of 52 that were found to have passed the qualified criterion. Table 3 shows the number of knowledge statements out of the total number of knowledge areas with each major domain that were qualified by the respondent sample that identified themselves as certified Sterile Processing and Distribution Technicians.

Table 3
Number of Important Knowledge Statements by Major Domain

Major Domain	Statements
I. Roles and Responsibilities	9 of 9
II. Life Science	7 of 7
III. Decontamination and Disinfection	9 of 9
IV. Preparation and Handling	10 of 10
V. Sterilization	8 of 8
VI. Sterile Storage	5 of 5
VII. Patient Care Equipment	3 of 3
VIII. Ethics	1 of 1

Recommendation for Test Content

The recommendation for test content averages for respondents whose total ratings summed to 100% are provided in Table 3. All N=426 examinees who identified themselves as Sterile Processing and Distribution Technicians completed this section correctly and are included in the analysis.

Table 4
 Percentage of Test Content Allocated to Each of the Major Domains
 Number of Important Knowledge Statements by Major Domain

Major Domain	Percentage
I. Roles and Responsibilities	11.98%
II. Life Science	8.38%
III. Decontamination and Disinfection	21.02%
IV. Preparation and Handling	15.62%
V. Sterilization	18.89%
VI. Sterile Storage	10.78%
VII. Patient Care Equipment	5.62%
VIII. Ethics	7.70%
<hr/>	
Total	100%

Discussion of Results

The response rate of 23.6% is a satisfactory return rate from job analysis surveys for certification programs. Typically mail job analysis survey return rates averages about one-third of those surveys sent out, minus those returned as undeliverable. Anything at or above that rate is considered satisfactory and should serve as evidence to support or refute the opinions of the committee as to what knowledge is important and qualifies for inclusion on the certification examination.

Knowledge Areas

The Test Specifications Committee must use both professional judgment and these empirical results in establishing the specifications for the certification examination. Most (N=426) certified Sterile Processing and Distribution Technicians responded that the statements covered the important knowledge requirements of the Sterile Processing and Distribution Technicians (Mean = 3.40, SD = 0.84) well. Many of the tables provided in Appendix "B" indicate that most respondents saw the importance of the knowledge areas required by the job similarly, regardless to which specific group the belonged. Those knowledge areas where the groups differed should be discussed by the Test Specifications Committee in developing the test specifications for fairness considerations in a no-choice examination.

Frequency Statements

The analysis of means of the frequencies indicates that for the most part the different subgroups perform the work the same way. Most N=1,025 Sterile Processing and Distribution Technicians who responded to the question felt that the statements covered the important job activities and how often those were performed (Mean =3.21, SD=0.95). This provides justification for a single certification examination. Appendix "C" contains the list of passing,

borderline, and failing frequency statements. These will be used at the test specifications meeting to link the knowledge on the examination with the frequency on the job by certified Technicians.

Agreement Information for Knowledge Statements

Table 5 provides knowledge consistency information among the various subgroups for which comparisons were made. This table shows the amount of agreement among groups in either passing or failing each of the 52 knowledge statements according to the importance criterion. A knowledge statement was considered to have passed importance criterion if the average importance rating of the subgroup was 2.5 or greater. Similarly, a knowledge statement was said to have failed the importance criterion if the average rating was less than 2.495. An illustrative example for two groups show how the index is computed. If two groups passed the same 48 knowledge areas and failed the same 2 knowledge areas (out the 52 total knowledge areas in the survey, the consistency index should be 50, the consistency index would be computed as:

$$\text{Agreement} = 0.96 = \frac{48 + 2}{52}$$

Recommendation for test content recommendation and approval

The recommendation for test content rating is illustrated based on the number of certified Sterile Processing and Distribution Technicians who completed it correctly. Only 37%, or 385 out of 1,025 correctly completed this section.

Domain Name	Knowledge Statements		Frequency Statements		Rating	Committee Approval
	Content Percent	Number of Items	Content Percent	Number of Items	Number of items	
Domain 1: Roles and Responsibilities	18%	18	18%	18	12	
Domain 2: Life Science	13%	13	13%	13	8	
Domain 3: Decontamination and Disinfection	18%	18	18%	18	21	
Domain 4: Preparation and Handling	19%	19	19%	19	16	
Domain 5: Sterilization	16%	16	16%	16	19	
Domain 6: Sterile Storage	9%	9	9%	9	11	
Domain 7: Patient Care Equipment	5%	5	5%	5	6	
Domain 8: Ethics	2%	2	2%	2	8	
Total	100%	100	100%	100	100	

Knowledge Statements Analysis						
Domain 1: Roles and Responsibilities	Mean	Content Coverage	Content Percent	QC	Number of Items	Total Number of Items
1. Potential workplace hazards (e.g. wet floors, Fires, electrical outlets, EtO, fumes, body fluids, microorganisms, sharps, latex allergy, medical waste).	3.51		2.00%		2	
2. Ergonomic considerations and body mechanics.	3.3		1.88%		2	
3. Policies and procedures related to sterile processing functions (e.g. Safety, Infection Control, Disaster, Safety Data Sheets, incident reports).	3.61		2.06%		2	
3. Federal, state and local guidelines, standards and regulations (e.g. AAMI, OSHA, FDA, CDC, EPA). Includes quarantine of implants, procedures for CJD and prevention of TASS.	3.56		2.03%		2	
5. Professional standards related to personal hygiene and dress codes.	3.33		1.90%		2	
6. Function, workflow and traffic flow of the sterile processing department.	3.38		1.93%		2	
7. Processes for loaner instrumentation.	3.27		1.87%		2	
8. Compliance with manufacturer's instructions for use (IFUs) (e.g. chemicals, sterilization, everything).	3.63		2.07%		2	
9. Signs and symbols on manufacturer's instructions for use (IFUs) and packaging.	3.3		1.88%		2	
Overall Mean		30.89	17.63%	18%	18	
Domain 2: Life Science						
1. Microbiology related to cleaning, disinfecting and sterilizing.	3.49		1.99%		2	
2. Factors in disease transmission and modes of cross transmission (e.g. blood, skin, air). Includes body's defenses against infection.	3.53		2.01%		2	
3. Types of microorganisms (e.g. bacteria, virus, fungus, prions). Includes biofilm formation.	3.24		1.85%		2	

3. Microbial growth conditions (e.g. temperature, humidity).	3.32		1.89%		2	
5. Basic anatomy and physiology.	2.71		1.55%		2	
6. Relationship between instrument type and types of tissue and body structure (e.g. Hysteroscope used for GYN surgery).	3.08		1.76%		2	
7. Basic medical terminology.	2.99		1.71%		2	
Overall Mean		22.36	12.76%	13%	13	
Domain 3: Decontamination and Disinfection						
1. Types of chemicals and their uses (e.g. detergents, environmental disinfectants, enzymatics, germicides). Includes rinsing, water quality and its impact on cleaning.	3.58		2.04%		2	
2. Safe use of high level disinfectants and sterilant chemicals (e.g. peracetic acid), specific PPE, disposal, concentration, pH, expiration date, level of disinfection, contact time).	3.61		2.06%		2	
3. Disposal methods of biohazardous substances, chemicals and medical waste.	3.44		1.96%		2	
3. Documentation for high level disinfection (HLD) including items processed, Minimum Effective Concentration (MEC) testing, QA testing of test strips, temperature of solution, etc.	3.49		1.99%		2	
5. Standard Precautions and Personal Protective Equipment used in the Decontamination Area.	3.7		2.11%		2	
6. Operation and maintenance of decontamination equipment (e.g. washer/ decontaminator, sonic lumen cleaners, cart washers, ultrasonic cleaners, etc.). Loading and unloading procedures for washers and sonics, positioning of devices; degassing of sonics, checking spray arms in washers, etc.	3.52		2.01%		2	
7. Methods of cleaning, disinfecting and decontaminating instruments, rigid container systems and equipment. Use of cleaning implements. Keeping cleaning implements clean,	3.6		2.05%		2	

inspection of cleaning brushes. Manual cleaning protocols.						
8. Factors affecting decontamination (e.g. procedures, water procedures, water impurities, opening and disassembling instruments and devices). Frequency of changing of enzyme soak and sonic solutions.	3.48		1.99%		2	
9. Basic care and handling of instruments and equipment. Post HLD for blades; includes using gloves when instruments only sonic cleaned.	3.46		1.97%		2	
Overall Mean		31.88	18.20%	18%	18	
Domain 4: Preparation and Handling						
1. Instrument terminology and anatomy (e.g. jaws, shanks, box locks, rings).	3.43		1.96%		2	
2. Types and functions of instruments (e.g. endoscopic, power, microsurgical, robotic). How instruments are used.	3.33		1.90%		2	
3. Types of instrument construction (e.g. finishes, composition).	3.01		1.72%		2	
3. Basic principles of packaging and set configuration. Includes labeling of sets. Avoiding damage to sets. Labeling of packages. Use of instrument air. Use of instrument lubricants.	3.45		1.97%		2	
5. Use and characteristics of packaging materials in relationship to sterilization methods. Includes paper-plastic pouches, Tyvek pouches, woven and non-woven wraps, rigid containers, dust covers; inspection of packaging/ containers.	3.52		2.01%		2	
6. Inspection and testing procedures for instruments and equipment.	3.5		2.00%		2	
7. Tray construction (e.g. size, density, weight, configuration of sets).	3.24		1.85%		2	
8. Methods and products used to monitor sterilization (e.g. integrators, chemical and biological indicators) for trays, packs and rigid containers.	3.58		2.04%		2	

9. Care, handling of instruments to include use of instrument lubricant, handling of implants, testing lap instruments; receipt of new instruments; storage of non-sterile instruments, etc.	3.49		1.99%		2	
10. Tamper evident seals.	3.42		1.95%		2	
Overall Mean		33.97	19.39%	19%	19	
Domain 5: Sterilization						
1. Types of sterilizers and methods of sterilization (e.g. steam, gas plasma, EtO, dry heat, ozone, vapor phase hydrogen peroxide, etc.)	3.57		2.04%		2	
2. Sterilization cycles and parameters for each sterilization methodology (e.g. time, temperature, concentration, steam under pressure, humidity). Include sterility assurance levels.	3.57		2.04%		2	
3. Quality assurance testing of sterilizers. Purpose, types, interpretation and documentation of sterilization printouts, charts, biological indicators, chemical indicators and chemical integrators. Includes uses for, procedures for and types of Bowie-Dick tests. Also includes temperature in incubators, documentation of all testing including Bowie-Dick, biological and chemical indicators/ integrators; signing and interpretation of sterilizer printouts, keeping records neat; saving records.	3.68		2.10%		2	
3. Operation of sterilizers including loading and unloading criteria and procedures for all types of sterilization methods. Includes cooling of Packs.	3.59		2.05%		2	
5. Lot control and record keeping for all methods of sterilization including documentation of load contents, date and lot number, etc. on sterilization log. Including types of lot control labels for all sterilization methods and time	3.61		2.06%		2	

related versus event related labels.						
6. Procedures for wet packs (e.g. causes, resolution).	3.48		1.99%		2	
7. Cleaning procedures for various sterilization equipment.	3.27		1.87%		2	
8. Recall procedures for items sterilized within the facility or purchased from an outside manufacturer.	3.31		1.89%		2	
Overall Mean		28.08	16.03%	16%	16	
Domain 6: Sterile Storage						
1. Factors that affect shelf life (e.g. packaging materials, moisture, damage). Excessive handling (slow moving items).	3.42		1.95%		2	
2. Storage requirements and shelving design (e.g. environmental conditions -humidity, air exchange, placement).	3.38		1.93%		2	
3. Stock rotation (e.g. FIFO).	3.25		1.86%		2	
3. Distribution systems (e.g. case carts, specialty carts). Includes stocking carts. Includes tracking usage and location.	3.1		1.77%		2	
5. Receiving products (e.g. corrugated boxes, breakout, containers).	3.11		1.78%		2	
Overall Mean		16.26	9.28%	9%	9	
Domain 7: Patient Care Equipment						
1. Collection and processing of patient care equipment.	2.78		1.59%		2	
2. Disinfection, storage and distribution of patient care equipment.	2.82		1.61%		2	
3. Types of patient care equipment and their use.	2.63		1.50%		2	
Overall Mean		8.23	4.70%	5%	5	
Domain 8: Ethics						
1. Compliance with regulatory standards, best practices, procedures and/or guidelines that impact on patient, employee or environmental safety; reporting instances of non-compliance.	3.53		2.01%		2	

Overall Mean		3.53	2.01%	2%	2	
Overall Mean	175.2	175.2	100%	100%	100	100

Frequency Statements Analysis						
Domain 1: Roles and Responsibilities	Mean	Content Coverage	Content Percent	QC	Number of Items	Total Number of Items
1. Potential workplace hazards (e.g. wet floors, Fires, electrical outlets, EtO, fumes, body fluids, microorganisms, sharps, latex allergy, medical waste).	3.24		1.94%		2	
2. Ergonomic considerations and body mechanics.	3.12		1.87%		2	
3. Policies and procedures related to sterile processing functions (e.g. Safety, Infection Control, Disaster, Safety Data Sheets, incident reports).	3.38		2.03%		2	
3. Federal, state and local guidelines, standards and regulations (e.g. AAMI, OSHA, FDA, CDC, EPA). Includes quarantine of implants, procedures for CJD and prevention of TASS.	3.34		2.00%		2	
5. Professional standards related to personal hygiene and dress codes.	3.22		1.93%		2	
6. Function, workflow and traffic flow of the sterile processing department.	3.23		1.94%		2	
7. Processes for loaner instrumentation.	3.12		1.87%		2	
8. Compliance with manufacturer's instructions for use (IFUs) (e.g. chemicals, sterilization, everything).	3.49		2.09%		2	
9. Signs and symbols on manufacturer's instructions for use (IFUs) and packaging.	3.16		1.89%		2	
Overall Mean		29.3	17.56%	18%	18	
Domain 2: Life Science						
1. Microbiology related to cleaning, disinfecting and sterilizing.	3.29		1.97%		2	

2. Factors in disease transmission and modes of cross transmission (e.g. blood, skin, air). Includes body's defenses against infection.	3.33		2.00%		2	
3. Types of microorganisms (e.g. bacteria, virus, fungus, prions). Includes biofilm formation.	3.08		1.85%		2	
3. Microbial growth conditions (e.g. temperature, humidity).	3.15		1.89%		2	
5. Basic anatomy and physiology.	2.58		1.55%		2	
6. Relationship between instrument type and types of tissue and body structure (e.g. Hysteroscope used for GYN surgery).	2.96		1.77%		2	
7. Basic medical terminology.	2.87		1.72%		2	
Overall Mean		21.26	12.75%	13%	13	
Domain 3: Decontamination and Disinfection						
1. Types of chemicals and their uses (e.g. detergents, environmental disinfectants, enzymatics, germicides). Includes rinsing, water quality and its impact on cleaning.	3.48		2.09%		2	
2. Safe use of high level disinfectants and sterilant chemicals (e.g. peracetic acid), specific PPE, disposal, concentration, pH, expiration date, level of disinfection, contact time).	3.47		2.08%		2	
3. Disposal methods of biohazardous substances, chemicals and medical waste.	3.27		1.96%		2	
3. Documentation for high level disinfection (HLD) including items processed, Minimum Effective Concentration (MEC) testing, QA testing of test strips, temperature of solution, etc.	3.32		1.99%		2	
5. Standard Precautions and Personal Protective Equipment used in the Decontamination Area.	3.59		2.15%		2	
6. Operation and maintenance of decontamination equipment (e.g. washer/ decontaminator, sonic lumen cleaners, cart washers, ultrasonic cleaners, etc.). Loading and unloading procedures for washers and sonics, positioning of devices; degassing of sonics,	3.45		2.07%		2	

checking spray arms in washers, etc.						
7. Methods of cleaning, disinfecting and decontaminating instruments, rigid container systems and equipment. Use of cleaning implements. Keeping cleaning implements clean, inspection of cleaning brushes. Manual cleaning protocols.	3.5		2.10%		2	
8. Factors affecting decontamination (e.g. procedures, water procedures, water impurities, opening and disassembling instruments and devices). Frequency of changing of enzyme soak and sonic solutions.	3.36		2.01%		2	
9. Basic care and handling of instruments and equipment. Post HLD for blades; includes using gloves when instruments only sonic cleaned.	3.37		2.02%		2	
Overall Mean		30.81	18.47%	18%	18	
Domain 4: Preparation and Handling						
1. Instrument terminology and anatomy (e.g. jaws, shanks, box locks, rings).	3.28		1.97%		2	
2. Types and functions of instruments (e.g. endoscopic, power, microsurgical, robotic). How instruments are used.	3.19		1.91%		2	
3. Types of instrument construction (e.g. finishes, composition).	2.83		1.70%		2	
3. Basic principles of packaging and set configuration. Includes labeling of sets. Avoiding damage to sets. Labeling of packages. Use of instrument air. Use of instrument lubricants.	3.36		2.01%		2	
5. Use and characteristics of packaging materials in relationship to sterilization methods. Includes paper-plastic pouches, Tyvek pouches, woven and non-woven wraps, rigid containers, dust covers; inspection of packaging/ containers.	3.4		2.04%		2	
6. Inspection and testing procedures for instruments and equipment.	3.38		2.03%		2	
7. Tray construction (e.g. size, density, weight,	3.08		1.85%		2	

configuration of sets).						
8. Methods and products used to monitor sterilization (e.g. integrators, chemical and biological indicators) for trays, packs and rigid containers.	3.52		2.11%		2	
9. Care, handling of instruments to include use of instrument lubricant, handling of implants, testing lap instruments; receipt of new instruments; storage of non-sterile instruments, etc.	3.36		2.01%		2	
10. Tamper evident seals.	3.34		2.00%		2	
Overall Mean		32.74	19.63%	20%	20	
Domain 5: Sterilization						
1. Types of sterilizers and methods of sterilization (e.g. steam, gas plasma, EtO, dry heat, ozone, vapor phase hydrogen peroxide, etc.)	3.43		2.06%		2	
2. Sterilization cycles and parameters for each sterilization methodology (e.g. time, temperature, concentration, steam under pressure, humidity). Include sterility assurance levels.	3.44		2.06%		2	
3. Quality assurance testing of sterilizers. Purpose, types, interpretation and documentation of sterilization printouts, charts, biological indicators, chemical indicators and chemical integrators. Includes uses for, procedures for and types of Bowie-Dick tests. Also includes temperature in incubators, documentation of all testing including Bowie-Dick, biological and chemical indicators/ integrators; signing and interpretation of sterilizer printouts, keeping records neat; saving records.	3.56		2.13%		2	
3. Operation of sterilizers including loading and unloading criteria and procedures for all types of sterilization methods. Includes cooling of Packs.	3.5		2.10%		2	

5. Lot control and record keeping for all methods of sterilization including documentation of load contents, date and lot number, etc. on sterilization log. Including types of lot control labels for all sterilization methods and time related versus event related labels.	3.57		2.14%		2	
6. Procedures for wet packs (e.g. causes, resolution).	3.11		1.86%		2	
7. Cleaning procedures for various sterilization equipment.	3.07		1.84%		2	
8. Recall procedures for items sterilized within the facility or purchased from an outside manufacturer.	2.97		1.78%		2	
Overall Mean		26.65	15.98%	16%	16	
Domain 6: Sterile Storage						
1. Factors that affect shelf life (e.g. packaging materials, moisture, damage). Excessive handling (slow moving items).	3.21		1.92%		2	
2. Storage requirements and shelving design (e.g. environmental conditions -humidity, air exchange, placement).	3.14		1.88%		2	
3. Stock rotation (e.g. FIFO).	3.02		1.81%		2	
3. Distribution systems (e.g. case carts, specialty carts). Includes stocking carts. Includes tracking usage and location.	2.91		1.74%		2	
5. Receiving products (e.g. corrugated boxes, breakout, containers).	2.89		1.73%		2	
Overall Mean		15.17	9.09%	9%	9	
Domain 7: Patient Care Equipment						
1. Collection and processing of patient care equipment.	2.52		1.51%		2	
2. Disinfection, storage and distribution of patient care equipment.	2.58		1.55%		2	
3. Types of patient care equipment and their use.	2.41		1.44%		1	
Overall Mean		7.51	4.50%	5%	5	

Domain 8: Ethics						
1. Compliance with regulatory standards, best practices, procedures and/or guidelines that impact on patient, employee or environmental safety; reporting instances of non-compliance.	3.37		2.02%		2	
Overall Mean		3.37	2.02%	2%	2	
Overall Mean	166.81	166.81	100%	100%	100	100

Background Information

The background information was used to subdivide the total respondent sample into groups for comparison purposes. Fairness can be built in to an assessment by making certain that people from different backgrounds see the knowledge areas similarly in terms of being important for certification. This report compares a number of groups, the results of which is that most people – regardless of the specific group to which they belong – rated the same knowledge areas as important for certification. Some differences do exist among some of the knowledge categories by subdiscipline and should be discussed at the test specifications meeting. The test specifications committee should discuss these differences in their consideration of test content.

APPENDIX A: The Job Analysis Instrument

Opening Important Statement from the CBSPD, Inc.

The Certification Board for Sterile Processing and Distribution, Inc. (CBSPD) is updating its Job Analysis for the Sterile Processing and Distribution Technician certification exam. The CBSPD updates all of its Job Analyses every five years as recommended by the National Commission for Certifying Agencies (NCCA).

The purpose of this Job Analysis is to verify the knowledge and skills required for competent performance in this area of practice. We hope to gain a large amount of insight into these domain items from your evaluation. The CBSPD, Inc. greatly appreciates your participation and assistance.

To ensure accuracy of the data being collected, this survey is intended ONLY for those individuals working as a Sterile Processing Technician who have at least ONE YEAR of experience processing instruments and devices in a hospital or healthcare facility.

Please take a few minutes to fill out this survey regarding your responsibilities as a Sterile Processing Technician. The Certification Board for Sterile Processing and Distribution, Inc. (CBSPD) welcomes your feedback and all responses to this survey will remain confidential.

The CBSPD is offering a \$25 VISA gift card to one lucky participant that completes the entire survey. See details at the end of this survey for more information.

Thank You.

CBSPD Board of Directors

****Instructions**

Please take a few minutes of your time to answer the entire survey. Only those that complete the whole survey will be eligible for the \$25 VISA gift card.

The survey is broken down into 3 parts.

Part 1 is where you fill out your demographic information.

Part 2 is where you will rate all of the knowledge and task statements in each Domain according to their Importance and Frequency of Use for your job as a Sterile Processing Technician.

Part 3 is where you will rank each Domain based on their value or importance.

YOU ARE ONLY PERMITTED TO COMPLETE THE SURVEY ONE TIME.

****Part 1: Demographic Information**

* 1. Which title best describes your present job? (Select one)

- Sterile Processing Technician
- Ambulatory Surgery/Care Sterile Processing Technician
- OR Instrument Specialist
- Surgical Technician
- OR Nurse
- Other (please specify below)

Other

* 2. What is your gender?

- Male
- Female

* 3. What is your age?

- Less than 20 years of age
- 20-30 years of age
- 31-40 years of age
- 41-50 years of age
- 51-60 years of age
- More than 60 years of age

* 4. How do you describe yourself? (Please select the option that best describes you)

- White (non-Hispanic)
- Black or African American
- Hispanic or Latino
- Asian or Asian American
- American Indian or Alaska Native
- Hawaiian or Other Pacific Islander
- Other (please specify below)

Other

* 5. What is the highest level of formal education that you have completed? (Select one)

- High School Diploma/GED
- One Year Technical diploma
- LPN diploma
- RN diploma
- Some college without a degree
- Associate's degree
- Bachelor's degree
- Sterile Processing Training Course

* 6. What is your current work setting? (Select one)

- Hospital
- Ambulatory Care/Surgery Center
- Surgical Instrument Sales or Service Company
- Medical or Dental Office

* 7. How many years of experience do you have working as a Sterile Processing Technician? (Select one)

- Less than 1 year
- 1-2 years
- 3-5 years
- 6-10 years
- 11-20 years
- More than 20 years

* 8. In which geographic location do you primarily work? (Select one)

- Northeast US
- Southeast US
- Northwest US
- Midwest US
- Southwest US
- Canada
- Other Foreign Country (please specify below)

Other

* 9. What certifications and/or licenses do you presently hold? (Select all that apply)

- Certified Sterile Processing and Distribution Technician (CSPDT)
- Certified Surgical Instrument Processor/Specialist (CSIP/CSIS)
- Certified Registered Central Service Technician (CRCST)
- OR Surgical Technologist
- None of the above
- Other (please specify below)

Other

* 10. In which level of urbanization do you primarily work? (Select one)

Urban

Suburban

Rural

* 11. How many years of experience do you have working with surgical instrumentation? (Select one)

Less than 1 year

1-2 years

3-5 years

6-10 years

More than 10 years

****Part 2: Importance of Knowledge and Frequency of Use on the Job**

Please use the drop down menus below to rate all of the knowledge and task statements in each Domain according to their Importance and Frequency of Use for your job as a Sterile Processing Technician.

* 12. **Domain 1: Roles and Responsibilities**

	<u>Importance of this Knowledge for Your Job</u>	<u>Frequency of Use of this Knowledge on the Job</u>
1. Potential workplace hazards (e.g. wet floors, Fires, electrical outlets, EtO, fumes, body fluids, microorganisms, sharps, latex allergy, medical waste).	<input type="text"/>	<input type="text"/>
2. Ergonomic considerations and body mechanics.	<input type="text"/>	<input type="text"/>
3. Policies and procedures related to sterile processing functions (e.g. Safety, Infection Control, Disaster, Safety Data Sheets, incident reports).	<input type="text"/>	<input type="text"/>
4. Federal, state and local guidelines, standards and regulations (e.g. AAMI, OSHA, FDA, CDC, EPA). Includes quarantine of implants, procedures for CJD and prevention of TASS.	<input type="text"/>	<input type="text"/>
5. Professional standards related to personal hygiene and dress codes.	<input type="text"/>	<input type="text"/>
6. Function, workflow and traffic flow of the sterile processing department.	<input type="text"/>	<input type="text"/>
7. Processes for loaner instrumentation.	<input type="text"/>	<input type="text"/>
8. Compliance with manufacturer's instructions for use (IFUs) (e.g. chemicals, sterilization, everything).	<input type="text"/>	<input type="text"/>
9. Signs and symbols on manufacturer's instructions for use (IFUs) and packaging.	<input type="text"/>	<input type="text"/>

* 13. How well do the knowledge and task statements in Domain 1 cover important aspects of Roles and Responsibilities?

- Very Good
- Fair
- Poor

14. What important knowledge or tasks are not covered?

15. Which should be eliminated?

* 16. **Domain 2: Life Science**

	<u>Importance of this Knowledge for Your Job</u>	<u>Frequency of Use of this Knowledge on the Job</u>
1. Microbiology related to cleaning, disinfecting and sterilizing.	<input type="text"/>	<input type="text"/>
2. Factors in disease transmission and modes of cross transmission (e.g. blood, skin, air). Includes body's defenses against infection.	<input type="text"/>	<input type="text"/>
3. Types of microorganisms (e.g. bacteria, virus, fungus, prions). Includes biofilm formation.	<input type="text"/>	<input type="text"/>
3. Microbial growth conditions (e.g. temperature, humidity).	<input type="text"/>	<input type="text"/>
5. Basic anatomy and physiology.	<input type="text"/>	<input type="text"/>
6. Relationship between instrument type and types of tissue and body structure (e.g. Hysteroscope used for GYN surgery).	<input type="text"/>	<input type="text"/>
7. Basic medical terminology.	<input type="text"/>	<input type="text"/>

* 17. How well do the knowledge and task statements in Domain 2 cover important aspects of Life Science?

- Very Good
- Fair
- Poor

18. What important knowledge or tasks are not covered?

19. Which should be eliminated?

* 20. **Domain 3: Decontamination and Disinfection**

	<u>Importance of this Knowledge for Your Job</u>	<u>Frequency of Use of this Knowledge on the Job</u>
1. Types of chemicals and their uses (e.g. detergents, environmental disinfectants, enzymatics, germicides). Includes rinsing, water quality and its impact on cleaning.	<input type="text"/>	<input type="text"/>
2. Safe use of high level disinfectants and sterilant chemicals (e.g. peracetic acid), specific PPE, disposal, concentration, pH, expiration date, level of disinfection, contact time).	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
3. Disposal methods of biohazardous substances, chemicals and medical waste.		
4. Documentation for high level disinfection (HLD) including items processed, Minimum Effective Concentration (MEC) testing, QA testing of test strips, temperature of solution, etc.	<input type="text"/>	<input type="text"/>
5. Standard Precautions and Personal Protective Equipment used in the Decontamination Area.	<input type="text"/>	<input type="text"/>
6. Operation and maintenance of decontamination equipment (e.g. washer/ decontaminator, sonic lumen cleaners, cart washers, ultrasonic cleaners, etc.). Loading and unloading procedures for washers and sonics, positioning of devices; degassing of sonics, checking spray arms in washers, etc.	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
7. Methods of cleaning, disinfecting and decontaminating instruments, rigid container systems and equipment. Use of cleaning implements. Keeping cleaning implements clean, inspection of cleaning brushes. Manual cleaning protocols.	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
8. Factors affecting decontamination (e.g. procedures, water procedures, water impurities, opening and disassembling instruments and devices). Frequency of changing of enzyme soak and sonic solutions.	<input type="text"/>	<input type="text"/>
9. Basic care and handling of instruments and equipment. Post HLD for blades; includes using gloves when instruments only sonic cleaned.	<input type="text"/>	<input type="text"/>

* 21. How well do the knowledge and task statements in Domain 3 cover important aspects of Decontamination and Disinfection?

- Very Good
- Fair
- Poor

22. What important knowledge or tasks are not covered?

23. Which should be eliminated?

* 23. **Domain 4: Preparation and Handling**

	<u>Importance of this Knowledge for Your Job</u>	<u>Frequency of Use of this Knowledge on the Job</u>
1. Instrument terminology and anatomy (e.g. jaws, shanks, box locks, rings).	<input type="text"/>	<input type="text"/>
2. Types and functions of instruments (e.g. endoscopic, power, microsurgical, robotic). How instruments are used.	<input type="text"/>	<input type="text"/>
3. Types of instrument construction (e.g. finishes, composition).	<input type="text"/>	<input type="text"/>
4. Basic principles of packaging and set configuration. Includes labeling of sets. Avoiding damage to sets. Labeling of packages. Use of instrument air. Use of instrument lubricants.	<input type="text"/>	<input type="text"/>
5. Use and characteristics of packaging materials in relationship to sterilization methods. Includes paper-plastic pouches, Tyvek pouches, woven and non-woven wraps, rigid containers, dust covers; inspection of packaging/ containers.	<input type="text"/>	<input type="text"/>
6. Inspection and testing procedures for instruments and equipment.	<input type="text"/>	<input type="text"/>
7. Tray construction (e.g. size, density, weight, configuration of sets).	<input type="text"/>	<input type="text"/>
8. Methods and products used to monitor sterilization (e.g. integrators, chemical and biological indicators) for trays, packs and rigid containers.	<input type="text"/>	<input type="text"/>
9. Care, handling of instruments to include use of instrument lubricant, handling of implants, testing lap instruments; receipt of new instruments; storage of non-sterile instruments, etc.	<input type="text"/>	<input type="text"/>
10. Tamper evident seals.	<input type="text"/>	<input type="text"/>

* 25. How well do the knowledge and task statements in Domain 4 cover important aspects of Preparation and Handling?

Very Good

Fair

Poor

26. What important knowledge or tasks are not covered?

27. Which should be eliminated?

* 28. **Domain 5: Sterilization**

	<u>Importance of this Knowledge for Your Job</u>	<u>Frequency of Use of this Knowledge on the Job</u>
1. Types of sterilizers and methods of sterilization (e.g. steam, gas plasma, EtO, dry heat, ozone, vapor phase hydrogen peroxide, etc.)	<input type="text"/>	<input type="text"/>
2. Sterilization cycles and parameters for each sterilization methodology (e.g. time, temperature, concentration, steam under pressure, humidity). Include sterility assurance levels.	<input type="text"/>	<input type="text"/>
3. Quality assurance testing of sterilizers. Purpose, types, interpretation and documentation of sterilization printouts, charts, biological indicators, chemical indicators and chemical integrators. Includes uses for, procedures for and types of Bowie-Dick tests. Also includes temperature in incubators, documentation of all testing including Bowie-Dick, biological and chemical indicators/ integrators; signing and interpretation of sterilizer printouts, keeping records neat; saving records.	<input type="text"/>	<input type="text"/>
4. Operation of sterilizers including loading and unloading criteria and procedures for all types of sterilization methods. Includes cooling of Packs.	<input type="text"/>	<input type="text"/>
5. Lot control and record keeping for all methods of sterilization including documentation of load contents, date and lot number, etc. on sterilization log. Including types of lot control labels for all sterilization methods and time related versus event related labels.	<input type="text"/>	<input type="text"/>
6. Procedures for wet packs (e.g. causes, resolution).	<input type="text"/>	<input type="text"/>
7. Cleaning procedures for various sterilization equipment.	<input type="text"/>	<input type="text"/>
8. Recall procedures for items sterilized within the facility or purchased from an outside manufacturer.	<input type="text"/>	<input type="text"/>

* 29. How well do the knowledge and task statements in Domain 5 cover important aspects of Sterilization?

- Very Good
- Fair
- Poor

30. What important knowledge or tasks are not covered?

31. Which should be eliminated?

* 32. **Domain 6: Sterile Storage**

	<u>Importance of this Knowledge for Your Job</u>	<u>Frequency of Use of this Knowledge on the Job</u>
1. Factors that affect shelf life (e.g. packaging materials, moisture, damage). Excessive handling (slow moving items).	[] ▾	[] ▾
2. Storage requirements and shelving design (e.g. environmental conditions -humidity, air exchange, placement).	[] ▾	[] ▾
3. Stock rotation (e.g. FIFO).	[] ▾	[] ▾
4. Distribution systems (e.g. case carts, specialty carts). Includes stocking carts. Includes tracking usage and location.	[] ▾	[] ▾
5. Receiving products (e.g. corrugated boxes, breakout, containers).	[] ▾	[] ▾

* 33. How well do the knowledge and task statements in Domain 6 cover important aspects of Sterile Storage?

- Very Good
- Fair
- Poor

34. What important knowledge or tasks are not covered?

35. Which should be eliminated?

* 36. **Domain 7: Patient Care Equipment**

	<u>Importance of this Knowledge for Your Job</u>	<u>Frequency of Use of this Knowledge on the Job</u>
1. Collection and processing of patient care equipment.	[] ▾	[] ▾
2. Disinfection, storage and distribution of patient care equipment.	[] ▾	[] ▾
3. Types of patient care equipment and their use.	[] ▾	[] ▾

* 37. How well do the knowledge and task statements in Domain 7 cover important aspects of Patient Care Equipment?

Very Good

Fair

Poor

38. What important knowledge or tasks are not covered?

39. Which knowledge or tasks should be eliminated?

* 40. Should Domain 7 be eliminated entirely?

Yes

No

* 41. **Domain 8: Ethics**

	<u>Importance of this Knowledge for Your Job</u>	<u>Frequency of Use of this Knowledge on the Job</u>
1. Compliance with regulatory standards, best practices, procedures and/or guidelines that impact on patient, employee or environmental safety; reporting instances of non-compliance.	<input type="text"/>	<input type="text"/>

* 42. How well do the knowledge and task statements in Domain 8 cover important aspects of Ethics?

Very Good

Fair

Poor

43. What important knowledge or tasks are not covered?

43. Which should be eliminated?

****Part 3: Ranking Task**

The following question asks you to divide 100 points between a set of 8 Domains.

****PLEASE NOTE** - There are 100 questions on the Sterile Processing Technician exam. The **MOST important Domains** should be the areas with the **highest** number of questions. Please take this into account when answering this question.

Your total **MUST** be 100.

* 45. Domains:

1. Roles and Responsibilities

2. Life Science

3. Decontamination and Disinfection

4. Preparation and Handling

5. Sterilization

6. Sterile Storage

7. Patient Care Equipment

8. Ethics

END OF SURVEY!

PLEASE BE SURE TO CLICK THE "SUBMIT SURVEY" BUTTON AT THE BOTTOM BEFORE YOU GO!

THIS COMPLETES THE SURVEY – THANK YOU FOR YOUR PARTICIPATION.

Please fill out your name and home address below to be eligible to win the \$25 VISA gift card! (Only those that finish the survey to the end will be counted). If you don't want to be entered to win the VISA card, please leave the spaces below blank.

Thank you!

46. First Name

47. Last Name

48. HOME Street Address (where you live now)

49. City

50. State

51. Zip Code

52. Foreign Country

Appendix B: Certified Sterile Processing and Distribution Technicians Importance Rating Averages for all Frequencies Statements

Frequency - Overall	N=	426
Domain 1: Roles and Responsibilities	Mean	STD
1. Potential workplace hazards (e.g. wet floors, Fires, electrical outlets, EtO, fumes, body fluids, microorganisms, sharps, latex allergy, medical waste).	3.24	0.99
2. Ergonomic considerations and body mechanics.	3.12	0.97
3. Policies and procedures related to sterile processing functions (e.g. Safety, Infection Control, Disaster, Safety Data Sheets, incident reports).	3.38	0.86
3. Federal, state and local guidelines, standards and regulations (e.g. AAMI, OSHA, FDA, CDC, EPA). Includes quarantine of implants, procedures for CJD and prevention of TASS.	3.34	0.92
5. Professional standards related to personal hygiene and dress codes.	3.22	0.88
6. Function, workflow and traffic flow of the sterile processing department.	3.23	0.94
7. Processes for loaner instrumentation.	3.12	1.04
8. Compliance with manufacturer's instructions for use (IFUs) (e.g. chemicals, sterilization, everything).	3.49	0.79
9. Signs and symbols on manufacturer's instructions for use (IFUs) and packaging.	3.16	0.95
Domain 2: Life Science	Mean	STD
1. Microbiology related to cleaning, disinfecting and sterilizing.	3.29	0.94
2. Factors in disease transmission and modes of cross transmission (e.g. blood, skin, air). Includes body's defenses against infection.	3.33	0.87
3. Types of microorganisms (e.g. bacteria, virus, fungus, prions). Includes biofilm formation.	3.08	1.05
3. Microbial growth conditions (e.g. temperature, humidity).	3.15	0.98
5. Basic anatomy and physiology.	2.58	1.11
6. Relationship between instrument type and types of tissue and body structure (e.g. Hysteroscope used for GYN surgery).	2.96	1.02
7. Basic medical terminology.	2.87	1.02
Domain 3: Decontamination and Disinfection	Mean	STD
1. Types of chemicals and their uses (e.g. detergents, environmental disinfectants, enzymatics, germicides). Includes rinsing, water quality and its impact on cleaning.	3.48	0.75
2. Safe use of high level disinfectants and sterilant chemicals (e.g. peracetic acid), specific PPE, disposal, concentration, pH, expiration date, level of disinfection, contact time).	3.47	0.78
3. Disposal methods of biohazardous substances, chemicals and medical waste.	3.27	0.93
3. Documentation for high level disinfection (HLD) including items processed, Minimum Effective Concentration (MEC) testing, QA testing of test strips, temperature of solution, etc.	3.32	0.94
5. Standard Precautions and Personal Protective Equipment used in the Decontamination Area.	3.59	0.69
6. Operation and maintenance of decontamination equipment (e.g. washer/ decontaminator, sonic lumen cleaners, cart washers, ultrasonic cleaners, etc.). Loading and unloading procedures for washers and sonics, positioning of devices; degassing of sonics, checking spray arms in washers, etc.	3.45	0.82
7. Methods of cleaning, disinfecting and decontaminating instruments, rigid container systems and equipment. Use of cleaning implements. Keeping cleaning implements clean, inspection of cleaning brushes. Manual cleaning protocols.	3.50	0.76
8. Factors affecting decontamination (e.g. procedures, water procedures, water impurities, opening and disassembling instruments and devices). Frequency of changing of enzyme soak and sonic solutions.	3.36	0.90
9. Basic care and handling of instruments and equipment. Post HLD for blades; includes using gloves when instruments only sonic cleaned.	3.37	0.85
Domain 4: Preparation and Handling	Mean	STD
1. Instrument terminology and anatomy (e.g. jaws, shanks, box locks, rings).	3.28	0.89
2. Types and functions of instruments (e.g. endoscopic, power, microsurgical, robotic). How instruments are used.	3.19	0.94
3. Types of instrument construction (e.g. finishes, composition).	2.83	1.07
3. Basic principles of packaging and set configuration. Includes labeling of sets. Avoiding damage to sets. Labeling of packages. Use of instrument air. Use of instrument lubricants.	3.36	0.84
5. Use and characteristics of packaging materials in relationship to sterilization methods. Includes paper-plastic pouches, Tyvek pouches, woven and non-woven wraps, rigid containers, dust covers; inspection of packaging/ containers.	3.40	0.84
6. Inspection and testing procedures for instruments and equipment.	3.38	0.83
7. Tray construction (e.g. size, density, weight, configuration of sets).	3.08	1.01
8. Methods and products used to monitor sterilization (e.g. integrators, chemical and biological indicators) for trays, packs and rigid containers.	3.52	0.73
9. Care, handling of instruments to include use of instrument lubricant, handling of implants, testing lap instruments; receipt of new instruments; storage of non-sterile instruments, etc.	3.36	0.87
10. Tamper evident seals.	3.34	0.91

Domain 5: Sterilization	Mean	STD
1. Types of sterilizers and methods of sterilization (e.g. steam, gas plasma, EtO, dry heat, ozone, vapor phase hydrogen peroxide, etc.)	3.43	0.84
2. Sterilization cycles and parameters for each sterilization methodology (e.g. time, temperature, concentration, steam under pressure, humidity). Include sterility assurance levels.	3.44	0.79
3. Quality assurance testing of sterilizers. Purpose, types, interpretation and documentation of sterilization printouts, charts, biological indicators, chemical indicators and chemical integrators. Includes uses for, procedures for and types of Bowie-Dick tests. Also includes temperature in incubators, documentation of all testing including Bowie-Dick, biological and chemical indicators/ integrators; signing and interpretation of sterilizer printouts, keeping records neat; saving records.	3.56	0.74
3. Operation of sterilizers including loading and unloading criteria and procedures for all types of sterilization methods. Includes cooling of Packs.	3.50	0.77
5. Lot control and record keeping for all methods of sterilization including documentation of load contents, date and lot number, etc. on sterilization log. Including types of lot control labels for all sterilization methods and time related versus event related labels.	3.57	0.71
6. Procedures for wet packs (e.g. causes, resolution).	3.11	1.14
7. Cleaning procedures for various sterilization equipment.	3.07	1.09
8. Recall procedures for items sterilized within the facility or purchased from an outside manufacturer.	2.97	1.23
Domain 6: Sterile Storage	Mean	STD
1. Factors that affect shelf life (e.g. packaging materials, moisture, damage). Excessive handling (slow moving items).	3.21	0.97
2. Storage requirements and shelving design (e.g. environmental conditions -humidity, air exchange, placement).	3.14	0.98
3. Stock rotation (e.g. FIFO).	3.02	1.09
3. Distribution systems (e.g. case carts, specialty carts). Includes stocking carts. Includes tracking usage and location.	2.91	1.16
5. Receiving products (e.g. corrugated boxes, breakout, containers).	2.89	1.16
Domain 7: Patient Care Equipment	Mean	STD
1. Collection and processing of patient care equipment.	2.52	1.42
2. Disinfection, storage and distribution of patient care equipment.	2.58	1.40
3. Types of patient care equipment and their use.	2.41	1.40
Domain 8: Ethics	Mean	STD
1. Compliance with regulatory standards, best practices, procedures and/or guidelines that impact on patient, employee or environmental safety; reporting instances of non-compliance.	3.37	0.88

Appendix C: Certified Sterile Processing and Distribution Technicians Overall Group Importance Rating Averages for all Knowledge Statements

Knowledge - Overall	N=	426
Domain 1: Roles and Responsibilities	Mean	STD
1. Potential workplace hazards (e.g. wet floors, Fires, electrical outlets, EtO, fumes, body fluids, microorganisms, sharps, latex allergy, medical waste).	3.51	0.82
2. Ergonomic considerations and body mechanics.	3.30	0.85
3. Policies and procedures related to sterile processing functions (e.g. Safety, Infection Control, Disaster, Safety Data Sheets, incident reports).	3.61	0.63
3. Federal, state and local guidelines, standards and regulations (e.g. AAMI, OSHA, FDA, CDC, EPA). Includes quarantine of implants, procedures for CJD and prevention of TASS.	3.56	0.74
5. Professional standards related to personal hygiene and dress codes.	3.33	0.81
6. Function, workflow and traffic flow of the sterile processing department.	3.38	0.81
7. Processes for loaner instrumentation.	3.27	0.95
8. Compliance with manufacturer's instructions for use (IFUs) (e.g. chemicals, sterilization, everything).	3.63	0.65
9. Signs and symbols on manufacturer's instructions for use (IFUs) and packaging.	3.30	0.86
Domain 2: Life Science	Mean	STD
1. Microbiology related to cleaning, disinfecting and sterilizing.	3.49	0.76
2. Factors in disease transmission and modes of cross transmission (e.g. blood, skin, air). Includes body's defenses against infection.	3.53	0.70
3. Types of microorganisms (e.g. bacteria, virus, fungus, prions). Includes biofilm formation.	3.24	0.93
3. Microbial growth conditions (e.g. temperature, humidity).	3.32	0.89
5. Basic anatomy and physiology.	2.71	1.06
6. Relationship between instrument type and types of tissue and body structure (e.g. Hysteroscope used for GYN surgery).	3.08	0.96
7. Basic medical terminology.	2.99	0.95
Domain 3: Decontamination and Disinfection	Mean	STD
1. Types of chemicals and their uses (e.g. detergents, environmental disinfectants, enzymatics, germicides). Includes rinsing, water quality and its impact on cleaning.	3.58	0.65
2. Safe use of high level disinfectants and sterilant chemicals (e.g. peracetic acid), specific PPE, disposal, concentration, pH, expiration date, level of disinfection, contact time).	3.61	0.66
3. Disposal methods of biohazardous substances, chemicals and medical waste.	3.44	0.79
3. Documentation for high level disinfection (HLD) including items processed, Minimum Effective Concentration (MEC) testing, QA testing of test strips, temperature of solution, etc.	3.49	0.77
5. Standard Precautions and Personal Protective Equipment used in the Decontamination Area.	3.70	0.56
6. Operation and maintenance of decontamination equipment (e.g. washer/ decontaminator, sonic lumen cleaners, cart washers, ultrasonic cleaners, etc.). Loading and unloading procedures for washers and sonics, positioning of devices; degassing of sonics, checking spray arms in washers, etc.	3.52	0.72
7. Methods of cleaning, disinfecting and decontaminating instruments, rigid container systems and equipment. Use of cleaning implements. Keeping cleaning implements clean, inspection of cleaning brushes. Manual cleaning protocols.	3.60	0.62
8. Factors affecting decontamination (e.g. procedures, water procedures, water impurities, opening and disassembling instruments and devices). Frequency of changing of enzyme soak and sonic solutions.	3.48	0.78
9. Basic care and handling of instruments and equipment. Post HLD for blades; includes using gloves when instruments only sonic cleaned.	3.46	0.77
Domain 4: Preparation and Handling	Mean	STD
1. Instrument terminology and anatomy (e.g. jaws, shanks, box locks, rings).	3.43	0.76
2. Types and functions of instruments (e.g. endoscopic, power, microsurgical, robotic). How instruments are used.	3.33	0.84
3. Types of instrument construction (e.g. finishes, composition).	3.01	0.96
3. Basic principles of packaging and set configuration. Includes labeling of sets. Avoiding damage to sets. Labeling of packages. Use of instrument air. Use of instrument lubricants.	3.45	0.75
5. Use and characteristics of packaging materials in relationship to sterilization methods. Includes paper-plastic pouches, Tyvek pouches, woven and non-woven wraps, rigid containers, dust covers; inspection of packaging/ containers.	3.52	0.72
6. Inspection and testing procedures for instruments and equipment.	3.50	0.71
7. Tray construction (e.g. size, density, weight, configuration of sets).	3.24	0.92
8. Methods and products used to monitor sterilization (e.g. integrators, chemical and biological indicators) for trays, packs and rigid containers.	3.58	0.69
9. Care, handling of instruments to include use of instrument lubricant, handling of implants, testing lap instruments; receipt of new instruments; storage of non-sterile instruments, etc.	3.49	0.77
10. Tamper evident seals.	3.42	0.83

Domain 5: Sterilization	Mean	STD
1. Types of sterilizers and methods of sterilization (e.g. steam, gas plasma, EtO, dry heat, ozone, vapor phase hydrogen peroxide, etc.)	3.57	0.71
2. Sterilization cycles and parameters for each sterilization methodology (e.g. time, temperature, concentration, steam under pressure, humidity). Include sterility assurance levels.	3.57	0.68
3. Quality assurance testing of sterilizers. Purpose, types, interpretation and documentation of sterilization printouts, charts, biological indicators, chemical indicators and chemical integrators. Includes uses for, procedures for and types of Bowie-Dick tests. Also includes temperature in incubators, documentation of all testing including Bowie-Dick, biological and chemical indicators/ integrators; signing and interpretation of sterilizer printouts, keeping records neat; saving records.	3.68	0.59
3. Operation of sterilizers including loading and unloading criteria and procedures for all types of sterilization methods. Includes cooling of Packs.	3.59	0.66
5. Lot control and record keeping for all methods of sterilization including documentation of load contents, date and lot number, etc. on sterilization log. Including types of lot control labels for all sterilization methods and time related versus event related labels.	3.61	0.68
6. Procedures for wet packs (e.g. causes, resolution).	3.48	0.80
7. Cleaning procedures for various sterilization equipment.	3.27	0.93
8. Recall procedures for items sterilized within the facility or purchased from an outside manufacturer.	3.31	0.97
Domain 6: Sterile Storage	Mean	STD
1. Factors that affect shelf life (e.g. packaging materials, moisture, damage). Excessive handling (slow moving items).	3.42	0.83
2. Storage requirements and shelving design (e.g. environmental conditions -humidity, air exchange, placement).	3.38	0.82
3. Stock rotation (e.g. FIFO).	3.25	0.94
3. Distribution systems (e.g. case carts, specialty carts). Includes stocking carts. Includes tracking usage and location.	3.10	1.05
5. Receiving products (e.g. corrugated boxes, breakout, containers).	3.11	1.00
Domain 7: Patient Care Equipment	Mean	STD
1. Collection and processing of patient care equipment.	2.78	1.30
2. Disinfection, storage and distribution of patient care equipment.	2.82	1.31
3. Types of patient care equipment and their use.	2.63	1.32
Domain 8: Ethics	Mean	STD
1. Compliance with regulatory standards, best practices, procedures and/or guidelines that impact on patient, employee or environmental safety; reporting instances of non-compliance.	3.53	0.75

APPENDIX D: Technician Knowledge Statements Means Biographical Analysis

Knowledge - Overall		Domain 1: Roles and Responsibilities									
1. Which title best describes your present job? (Select one)		N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	Sterile Processing Technician	829	3.5	3.3	3.6	3.6	3.3	3.4	3.3	3.6	3.3
2	Ambulatory Surgery/Care Sterile Processing Technician	56	3.2	3.3	3.7	3.5	3.2	3.4	2.8	3.8	3.3
3	OR Instrument Specialist	11	3.2	2.2	3.6	3.6	2.8	3.0	3.4	3.4	3.0
4	Surgical Technician	27	3.6	3.5	3.8	3.6	3.6	3.6	3.1	3.7	3.5
5	OR Nurse	8	4.0	3.4	4.0	3.6	3.6	3.6	3.4	3.4	3.4
6	Other	94	3.5	3.3	3.5	3.5	3.3	3.1	3.2	3.6	3.2
2. What is your gender?		N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	Male	268	3.5	3.2	3.6	3.5	3.3	3.4	3.3	3.5	3.2
2	Female	757	3.5	3.3	3.6	3.6	3.3	3.4	3.3	3.7	3.3
3. What is your age?		N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	Less than 20 years of age	2	4	4	4	4	4	4	4	4	4
2	20-30 years of age	139	3.6	3.2	3.8	3.8	3.4	3.7	3.7	3.7	3.3
3	31-40 years of age	239	3.6	3.4	3.6	3.6	3.3	3.4	3.3	3.6	3.3
4	41-50 years of age	259	3.4	3.2	3.6	3.5	3.2	3.2	3.2	3.5	3.3
5	51-60 years of age	301	3.5	3.4	3.6	3.6	3.4	3.4	3.3	3.7	3.3
6	More than 60 years of age	85	3.3	3.3	3.5	3.4	3.4	3.2	3.0	3.6	3.1
4. How do you describe yourself?		N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	White (non-Hispanic)	529	3.5	3.3	3.6	3.5	3.2	3.3	3.2	3.6	3.2
2	Black or African American	254	3.5	3.4	3.7	3.6	3.5	3.5	3.3	3.6	3.5
3	Hispanic or Latino	101	3.4	3.3	3.5	3.6	3.3	3.4	3.3	3.6	3.3
4	Asian or Asian American	94	3.6	3.2	3.7	3.7	3.6	3.6	3.4	3.7	3.3
5	American Indian or Alaska Native	11	3.5	3.0	3.5	3.3	3.2	3.3	3.3	3.7	3.7
6	Hawaiian or Another Pacific Islander	8	4.0	3.7	4.0	4.0	4.0	4.0	3.7	4.0	4.0
7	Other	28	3.6	3.3	3.8	3.8	3.4	3.5	3.3	3.6	3.7
5. What is the highest level of formal education that you have completed?		N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	High School Diploma/GED	214	3.3	3.3	3.5	3.4	3.3	3.2	3.2	3.6	3.3
2	One Year Technical diploma	68	3.5	3.4	3.6	3.6	3.3	3.4	3.4	3.6	3.4
3	LPN diploma	8	4.0	3.6	3.8	3.6	3.0	3.4	3.0	3.6	3.2
4	RN diploma	3									
5	Some college without a degree	239	3.4	3.2	3.6	3.5	3.2	3.3	3.2	3.6	3.2
6	Associate's degree	169	3.5	3.3	3.6	3.6	3.3	3.4	3.2	3.6	3.2
7	Bachelor's degree	114	3.7	3.3	3.6	3.5	3.4	3.4	3.2	3.7	3.2
8	Sterile Processing Training Course	210	3.6	3.4	3.7	3.7	3.5	3.5	3.4	3.7	3.5
6. What is your current work setting?		N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	Hospital	851	3.5	3.3	3.6	3.6	3.3	3.4	3.3	3.6	3.3
2	Ambulatory Care/Surgery Center	144	3.4	3.3	3.6	3.5	3.4	3.4	3.0	3.7	3.2
3	Surgical Instrument Sales or Service Company Medical or Dental Office	5	4.0	4.0	2.0	2.0	4.0	2.5	2.0	3.0	4.0

4	Medical or Dental Office	25	3.3	3.4	3.4	3.4	3.3	2.8	2.5	3.4	2.9
	7. How many years of experience do you have working as a Sterile Processing Technician?	N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	Less than 1 year	46	3.4	3.3	3.7	3.4	3.6	3.1	2.7	3.2	3.0
2	1-2 years	139	3.6	3.4	3.5	3.4	3.2	3.4	3.2	3.5	3.2
3	3-5 years	193	3.7	3.3	3.7	3.6	3.3	3.5	3.4	3.7	3.3
4	6-10 years	216	3.4	3.1	3.6	3.5	3.2	3.3	3.2	3.6	3.2
5	11-20 years	263	3.5	3.4	3.6	3.7	3.4	3.4	3.3	3.6	3.4
6	More than 20 years	168	3.3	3.4	3.6	3.6	3.4	3.4	3.3	3.7	3.4
	8. In which geographic location do you primarily work?	N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	Northeast US	314	3.4	3.3	3.6	3.6	3.4	3.4	3.2	3.6	3.4
2	Southeast US	215	3.6	3.3	3.7	3.6	3.3	3.5	3.3	3.6	3.3
3	Northwest US	138	3.5	3.3	3.4	3.3	3.2	3.3	3.2	3.5	3.2
4	Midwest US	197	3.5	3.2	3.6	3.6	3.2	3.3	3.3	3.7	3.2
5	Southwest US	101	3.6	3.4	3.6	3.6	3.6	3.4	3.4	3.7	3.5
6	Canada	5	3.0	3.0	3.5	3.0	3.0	3.5	3.0	3.5	3.0
7	Other	55	3.9	3.5	3.9	3.8	3.6	3.7	3.3	3.8	3.4
	10. In which level of urbanization do you primarily work?	N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	Urban	521	3.5	3.3	3.6	3.6	3.4	3.4	3.3	3.6	3.3
2	Suburban	330	3.5	3.3	3.6	3.5	3.2	3.4	3.3	3.6	3.2
3	Rural	174	3.5	3.3	3.6	3.6	3.2	3.4	3.2	3.6	3.3
	11. How many years of experience do you have working with surgical instrumentation?	N	q12_1_1	q12_2_1	q12_3_1	q12_4_1	q12_5_1	q12_6_1	q12_7_1	q12_8_1	q12_9_1
1	Less than a year	45	3.4	3.3	3.7	3.4	3.5	3.2	2.7	3.3	3.1
2	1-2 years	115	3.6	3.5	3.6	3.5	3.3	3.5	3.3	3.7	3.4
3	3-5 years	177	3.6	3.2	3.5	3.4	3.2	3.4	3.3	3.6	3.1
4	6-10 years	214	3.4	3.1	3.5	3.5	3.2	3.3	3.3	3.6	3.2
5	More than 10 years	474	3.5	3.4	3.7	3.7	3.4	3.4	3.3	3.7	3.4

Knowledge - Overall		Domain 2: Life Science						
1. Which title best describes your present job? (Select one)		q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	Sterile Processing Technician	3.5	3.5	3.3	3.3	2.7	3.1	3.0
2	Ambulatory Surgery/Care Sterile Processing Technician	3.5	3.5	3.2	3.4	2.7	3.0	3.1
3	OR Instrument Specialist	3.2	3.2	2.4	2.8	2.2	3.0	3.0
4	Surgical Technician	3.8	3.7	3.5	3.5	3.3	3.3	3.4
5	OR Nurse	4.0	3.8	3.8	3.8	3.2	3.4	3.6
6	Other	3.3	3.4	2.9	3.2	2.7	2.9	3.0

2. What is your gender?		q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	Male	3.4	3.5	3.1	3.1	2.6	2.9	2.9
2	Female	3.5	3.6	3.3	3.4	2.8	3.1	3.0
3. What is your age?		q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	Less than 20 years of age	4.0	4.0	4.0	4.0	4.0	4.0	4.0
2	20-30 years of age	3.6	3.6	3.3	3.5	2.7	3.3	3.1
3	31-40 years of age	3.5	3.5	3.2	3.3	2.7	3.0	3.0
4	41-50 years of age	3.4	3.5	3.1	3.3	2.7	3.0	2.9
5	51-60 years of age	3.4	3.5	3.3	3.4	2.7	3.1	3.0
6	More than 60 years of age	3.6	3.5	3.3	3.2	2.7	2.9	2.9
4. How do you describe yourself?		q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	White (non-Hispanic)	3.4	3.5	3.2	3.3	2.6	3.0	2.9
2	Black or African American	3.7	3.7	3.5	3.5	2.8	3.1	3.1
3	Hispanic or Latino	3.5	3.5	3.2	3.2	2.6	2.9	2.8
4	Asian or Asian American	3.6	3.6	3.2	3.4	3.0	3.4	3.2
5	American Indian or Alaska Native	3.7	3.5	3.2	3.3	3.0	3.0	3.3
6	Hawaiian or Another Pacific Islander	4.0	4.0	4.0	4.0	4.0	4.0	4.0
7	Other	3.3	3.4	3.3	3.4	2.8	3.3	3.1
5. What is the highest level of formal education that you have completed?		q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	High School Diploma/GED	3.3	3.4	3.1	3.1	2.7	3.0	2.7
2	One Year Technical diploma	3.5	3.6	3.3	3.4	2.9	3.4	3.1
3	LPN diploma	3.2	3.4	3.4	3.0	2.6	3.4	3.0
4	RN diploma							
5	Some college without a degree	3.4	3.5	3.2	3.4	2.5	3.0	2.9
6	Associate's degree	3.5	3.4	3.2	3.2	2.8	2.9	3.1
7	Bachelor's degree	3.6	3.6	3.2	3.5	2.7	3.1	3.1
8	Sterile Processing Training Course	3.6	3.7	3.4	3.4	2.9	3.3	3.1
6. What is your current work setting?		q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	Hospital	3.5	3.6	3.2	3.3	2.7	3.1	3.0
2	Ambulatory Care/Surgery Center	3.5	3.4	3.3	3.4	2.7	3.1	3.1
3	Surgical Instrument Sales or Service Company Medical or Dental Office	4.0	3.5	2.5	4.0	4.0	2.5	4.0
4	Medical or Dental Office	3.3	3.1	2.9	2.9	2.3	2.6	2.9
7. How many years of experience do you have working as a Sterile Processing Technician?		q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	Less than 1 year	3.4	3.4	2.9	3.0	2.5	2.5	2.8
2	1-2 years	3.5	3.4	3.2	3.4	2.7	3.0	3.1
3	3-5 years	3.5	3.6	3.2	3.4	2.7	3.1	2.9
4	6-10 years	3.5	3.5	3.3	3.3	2.6	3.0	2.9

5	11-20 years	3.5	3.6	3.2	3.4	2.7	3.1	3.0
6	More than 20 years	3.5	3.5	3.3	3.3	2.9	3.2	3.2
	8. In which geographic location do you primarily work?	q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	Northeast US	3.6	3.5	3.3	3.4	2.8	3.1	3.0
2	Southeast US	3.5	3.5	3.3	3.4	2.8	3.2	3.1
3	Northwest US	3.3	3.4	3.1	3.2	2.6	2.9	2.8
4	Midwest US	3.4	3.5	3.2	3.1	2.4	2.9	2.9
5	Southwest US	3.6	3.6	3.4	3.4	2.9	3.1	3.2
6	Canada	3.5	3.0	2.0	3.0	2.5	2.5	2.5
7	Other	3.8	3.8	3.5	3.6	3.2	3.6	3.4
	10. In which level of urbanization do you primarily work?	q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	Urban	3.5	3.6	3.3	3.3	2.8	3.1	3.0
2	Suburban	3.5	3.5	3.2	3.4	2.6	3.1	3.0
3	Rural	3.4	3.4	3.3	3.4	2.7	3.0	2.9
	11. How many years of experience do you have working with surgical instrumentation?	q16_1_1	q16_2_1	q16_3_1	q16_4_1	q16_5_1	q16_6_1	q16_7_1
1	Less than a year	3.3	3.3	2.7	3.0	2.4	2.5	2.7
2	1-2 years	3.5	3.6	3.3	3.4	2.7	3.1	3.1
3	3-5 years	3.4	3.5	3.2	3.2	2.7	3.0	2.9
4	6-10 years	3.6	3.5	3.2	3.2	2.6	3.0	2.9
5	More than 10 years	3.5	3.6	3.3	3.4	2.8	3.1	3.1

Knowledge - Overall		Domain 3: Decontamination and Disinfection								
	1. Which title best describes your present job? (Select one)	q20_1_1	q20_2_1	q20_3_1	q20_4_1	q20_5_1	q20_6_1	q20_7_1	q20_8_1	q20_9_1
1	Sterile Processing Technician	3.6	3.7	3.5	3.5	3.7	3.6	3.6	3.5	3.5
2	Ambulatory Surgery/Care Sterile Processing Technician	3.7	3.6	3.5	3.6	3.7	3.6	3.6	3.5	3.6
3	OR Instrument Specialist	3.6	3.2	3.4	3.2	3.8	3.2	3.0	2.8	3.2
4	Surgical Technician	3.6	3.5	3.7	3.6	3.8	3.4	3.7	3.8	3.6
5	OR Nurse	3.2	3.6	3.6	3.2	3.8	3.2	3.6	3.4	3.6
6	Other	3.4	3.3	3.1	3.3	3.5	3.3	3.4	3.2	3.2
	2. What is your gender?	q20_1_1	q20_2_1	q20_3_1	q20_4_1	q20_5_1	q20_6_1	q20_7_1	q20_8_1	q20_9_1
1	Male	3.4	3.5	3.1	3.1	2.6	2.9	2.9	3.4	3.5
2	Female	3.5	3.6	3.3	3.4	2.8	3.1	3.0	3.5	3.6
	3. What is your age?	q20_1_1	q20_2_1	q20_3_1	q20_4_1	q20_5_1	q20_6_1	q20_7_1	q20_8_1	q20_9_1
1	Less than 20 years of age	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
2	20-30 years of age	3.7	3.6	3.5	3.5	3.8	3.5	3.6	3.5	3.6
3	31-40 years of age	3.5	3.6	3.4	3.5	3.7	3.5	3.6	3.4	3.4
4	41-50 years of age	3.5	3.6	3.4	3.5	3.7	3.5	3.6	3.5	3.4
5	51-60 years of age	3.6	3.7	3.5	3.5	3.7	3.6	3.6	3.5	3.5
6	More than 60 years of age	3.6	3.5	3.5	3.5	3.7	3.6	3.5	3.3	3.4

	q20_1_1	q20_2_1	q20_3_1	q20_4_1	q20_5_1	q20_6_1	q20_7_1	q20_8_1	q20_9_1
4. How do you describe yourself?									
1 White (non-Hispanic)	3.5	3.5	3.4	3.4	3.7	3.5	3.6	3.4	3.4
2 Black or African American	3.7	3.7	3.6	3.6	3.8	3.7	3.7	3.6	3.6
3 Hispanic or Latino	3.4	3.6	3.4	3.5	3.7	3.3	3.5	3.4	3.4
4 Asian or Asian American	3.7	3.9	3.7	3.6	3.7	3.7	3.7	3.6	3.6
5 American Indian or Alaska Native	3.7	3.7	3.2	3.2	3.7	3.5	3.5	3.5	3.3
6 Hawaiian or Another Pacific Islander	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
7 Other	3.6	3.7	3.7	3.5	3.7	3.6	3.6	3.8	3.6
5. What is the highest level of formal education that you have completed?									
1 High School Diploma/GED	3.5	3.5	3.4	3.3	3.6	3.5	3.5	3.4	3.3
2 One Year Technical diploma	3.6	3.6	3.5	3.5	3.8	3.6	3.6	3.5	3.5
3 LPN diploma	3.8	4.0	3.8	3.6	3.6	3.0	3.2	3.2	3.2
4 RN diploma									
5 Some college without a degree	3.6	3.7	3.5	3.5	3.7	3.5	3.6	3.5	3.5
6 Associate's degree	3.5	3.6	3.3	3.5	3.6	3.4	3.6	3.4	3.4
7 Bachelor's degree	3.6	3.6	3.4	3.5	3.8	3.5	3.7	3.5	3.5
8 Sterile Processing Training Course	3.7	3.7	3.6	3.6	3.8	3.7	3.7	3.5	3.6
6. What is your current work setting?									
1 Hospital	3.6	3.6	3.4	3.5	3.7	3.5	3.6	3.5	3.5
2 Ambulatory Care/Surgery Center	3.6	3.6	3.5	3.5	3.7	3.6	3.6	3.5	3.6
3 Surgical Instrument Sales or Service Company Medical or Dental Office	4.0	4.0	3.0	4.0	4.0	3.0	3.0	2.0	3.0
4 Medical or Dental Office	3.3	3.4	2.8	2.6	3.1	2.9	3.3	3.0	2.8
7. How many years of experience do you have working as a Sterile Processing Technician?									
1 Less than 1 year	3.1	3.4	3.3	3.1	3.6	3.3	3.4	3.2	3.2
2 1-2 years	3.4	3.4	3.3	3.3	3.6	3.3	3.5	3.3	3.3
3 3-5 years	3.7	3.7	3.5	3.6	3.8	3.6	3.7	3.6	3.6
4 6-10 years	3.6	3.6	3.4	3.4	3.6	3.5	3.6	3.5	3.4
5 11-20 years	3.6	3.7	3.5	3.6	3.7	3.5	3.6	3.4	3.4
6 More than 20 years	3.6	3.7	3.5	3.5	3.7	3.7	3.6	3.6	3.7
8. In which geographic location do you primarily work?									
1 Northeast US	3.6	3.7	3.4	3.5	3.7	3.6	3.6	3.5	3.5
2 SouthEast US	3.6	3.6	3.6	3.5	3.7	3.6	3.6	3.6	3.5
3 NorthWest US	3.5	3.5	3.3	3.5	3.6	3.5	3.5	3.3	3.3
4 Midwest US	3.5	3.6	3.3	3.4	3.7	3.4	3.6	3.4	3.4
5 Southwest US	3.6	3.6	3.5	3.4	3.6	3.6	3.6	3.5	3.4
6 Canada	2.5	3.5	3.5	3.0	2.5	2.0	3.0	2.5	3.0
7 Other	3.8	3.8	3.6	3.6	3.8	3.5	3.8	3.6	3.6

9. What certifications and/or licenses do you presently hold?		q20_1_1	q20_2_1	q20_3_1	q20_4_1	q20_5_1	q20_6_1	q20_7_1	q20_8_1	q20_9_1
1	Certified Sterile Processing and Distribution Technician (CSPDT)	3.6	3.6	3.4	3.5	3.7	3.5	3.6	3.5	3.4
2	Certified Surgical Instrument Processor/Specialist (CSIP/CSIS)	3.6	3.6	3.5	3.5	3.7	3.6	3.6	3.5	3.5
3	Certified Registered Central Service Technician (CRCST)	3.6	3.6	3.4	3.5	3.6	3.5	3.6	3.4	3.5
4	OR Surgical Technologist None of the above	3.6	3.6	3.4	3.5	3.7	3.5	3.6	3.5	3.4
5	None of the above	3.6	3.6	3.5	3.5	3.7	3.6	3.6	3.5	3.5
6	Other	3.6	3.6	3.4	3.5	3.6	3.5	3.6	3.4	3.5
10. In which level of urbanization do you primarily work?		q20_1_1	q20_2_1	q20_3_1	q20_4_1	q20_5_1	q20_6_1	q20_7_1	q20_8_1	q20_9_1
1	Urban	3.6	3.6	3.4	3.5	3.7	3.5	3.6	3.5	3.4
2	Suburban	3.6	3.6	3.5	3.5	3.7	3.6	3.6	3.5	3.5
3	Rural	3.6	3.6	3.4	3.5	3.6	3.5	3.6	3.4	3.5
11. How many years of experience do you have working with surgical instrumentation?		q20_1_1	q20_2_1	q20_3_1	q20_4_1	q20_5_1	q20_6_1	q20_7_1	q20_8_1	q20_9_1
1	Less than a year	3.2	3.3	3.1	3.1	3.6	3.4	3.4	3.3	3.3
2	1-2 years	3.5	3.6	3.4	3.4	3.7	3.4	3.6	3.5	3.4
3	3-5 years	3.6	3.6	3.4	3.5	3.7	3.5	3.6	3.5	3.5
4	6-10 years	3.6	3.5	3.4	3.4	3.6	3.5	3.6	3.4	3.4
5	More than 10 years	3.6	3.7	3.5	3.6	3.7	3.6	3.6	3.5	3.5

Knowledge - Overall		Domain 4: Preparation and Handling									
1. Which title best describes your present job? (Select one)		q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	Sterile Processing Technician	3.4	3.3	3.1	3.5	3.5	3.5	3.3	3.6	3.5	3.4
2	Ambulatory Surgery/Care Sterile Processing Technician	3.4	3.2	2.9	3.5	3.4	3.5	3.0	3.6	3.3	3.3
3	OR Instrument Specialist	3.2	3.4	2.4	3.0	3.4	3.6	3.2	3.2	3.4	3.2
4	Surgical Technician	3.6	3.8	3.5	3.6	3.7	3.8	3.4	3.7	3.8	3.9
5	OR Nurse	3.6	3.6	3.0	3.2	3.8	3.4	3.4	3.8	3.4	3.8
6	Other	3.3	3.3	2.8	3.3	3.4	3.2	3.2	3.5	3.3	3.2
2. What is your gender?		q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	Male	3.5	3.5	3.3	3.4	3.6	3.4	3.5	3.5	3.4	3.5
2	Female	3.6	3.6	3.5	3.5	3.7	3.6	3.6	3.5	3.5	3.6
3. What is your age?		q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	Less than 20 years of age	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
2	20-30 years of age	3.5	3.5	3.2	3.6	3.6	3.6	3.4	3.7	3.6	3.4
3	31-40 years of age	3.4	3.3	3.0	3.5	3.5	3.6	3.2	3.6	3.5	3.4
4	41-50 years of age	3.4	3.3	3.0	3.4	3.5	3.4	3.2	3.5	3.4	3.4
5	51-60 years of age	3.5	3.4	3.0	3.5	3.5	3.6	3.3	3.6	3.6	3.5
6	More than 60 years of age	3.3	3.3	3.1	3.4	3.5	3.3	3.2	3.6	3.3	3.4
4. How do you describe yourself?		q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	White (non-Hispanic)	3.4	3.3	3.0	3.4	3.5	3.4	3.2	3.6	3.4	3.4
2	Black or African American	3.5	3.4	3.1	3.5	3.6	3.6	3.4	3.7	3.6	3.5

3	Hispanic or Latino	3.4	3.3	2.8	3.4	3.5	3.5	3.2	3.5	3.5	3.4
4	Asian or Asian American	3.5	3.5	3.2	3.6	3.6	3.7	3.5	3.8	3.7	3.5
5	American Indian or Alaska Native	3.7	3.5	3.0	3.7	3.7	3.3	3.3	3.7	3.7	3.5
6	Hawaiian or Other Pacific Islander	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
7	Other	3.6	3.4	3.3	3.5	3.5	3.7	3.1	3.6	3.3	3.4
	5. What is the highest level of formal education that you have completed?	q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	High School Diploma/GED	3.4	3.2	3.0	3.4	3.4	3.4	3.4	3.5	3.4	3.3
2	One Year Technical diploma	3.5	3.4	3.1	3.5	3.5	3.6	3.4	3.7	3.6	3.5
3	LPN diploma	3.4	3.6	3.2	3.2	3.8	3.6	3.0	4.0	3.6	3.4
4	RN diploma										
5	Some college without a degree	3.4	3.2	2.9	3.4	3.5	3.5	3.1	3.6	3.5	3.3
6	Associate's degree	3.4	3.3	3.0	3.4	3.5	3.4	3.2	3.5	3.4	3.3
7	Bachelor's degree	3.4	3.4	2.9	3.5	3.5	3.5	3.2	3.7	3.5	3.6
8	Sterile Processing Training Course	3.5	3.5	3.2	3.5	3.6	3.6	3.4	3.7	3.6	3.5
	6. What is your current work setting?	q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	Hospital	3.4	3.4	3.0	3.5	3.6	3.5	3.3	3.6	3.5	3.4
2	Ambulatory Care/Surgery Center	3.4	3.3	3.0	3.5	3.5	3.4	3.1	3.6	3.4	3.4
3	Surgical Instrument Sales or Service Company Medical or Dental Office	4.0	3.5	2.0	2.0	3.0	3.5	2.0	4.0	2.0	4.0
4	Medical or Dental Office	3.1	2.8	2.4	2.8	2.6	3.1	2.6	2.9	3.1	2.8
	7. How many years of experience do you have working as a Sterile Processing Technician?	q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	Less than 1 year	3.2	3.1	2.9	3.1	3.4	3.3	3.1	3.4	3.2	3.2
2	1-2 years	3.4	3.3	2.9	3.4	3.4	3.5	3.1	3.5	3.4	3.4
3	3-5 years	3.4	3.3	3.1	3.5	3.6	3.6	3.3	3.7	3.5	3.5
4	6-10 years	3.4	3.4	3.0	3.5	3.4	3.4	3.2	3.6	3.5	3.3
5	11-20 years	3.5	3.3	3.0	3.4	3.5	3.5	3.2	3.5	3.5	3.4
6	More than 20 years	3.5	3.5	3.1	3.6	3.6	3.5	3.3	3.7	3.6	3.5
	8. In which geographic location do you primarily work?	q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	Northeast US	3.5	3.4	3.0	3.5	3.6	3.5	3.2	3.6	3.5	3.5
2	Southeast US	3.5	3.5	3.3	3.6	3.6	3.6	3.4	3.7	3.5	3.5
3	Northwest US	3.1	3.0	2.8	3.3	3.4	3.4	3.1	3.3	3.3	3.3
4	Midwest US	3.4	3.2	2.9	3.4	3.5	3.5	3.2	3.6	3.5	3.3
5	Southwest US	3.5	3.5	2.9	3.5	3.4	3.5	3.2	3.6	3.6	3.2
6	Canada	2.5	2.5	1.5	3.0	2.5	3.0	2.5	3.5	3.5	3.5
7	Other	3.6	3.6	3.4	3.6	3.8	3.7	3.6	3.9	3.8	3.6

		q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
	10. In which level of urbanization do you primarily work?										
1	Urban	3.5	3.4	3.1	3.5	3.5	3.5	3.3	3.6	3.5	3.4
2	Suburban	3.4	3.2	2.9	3.5	3.5	3.5	3.2	3.6	3.5	3.4
3	Rural	3.3	3.4	3.1	3.4	3.5	3.5	3.3	3.5	3.5	3.4
	11. How many years of experience do you have working with surgical instrumentation?	q24_1_1	q24_2_1	q24_3_1	q24_4_1	q24_5_1	q24_6_1	q24_7_1	q24_8_1	q24_9_1	q24_10_1
1	Less than a year	3.1	2.9	2.8	3.1	3.4	3.2	3.0	3.4	3.4	3.0
2	1-2 years	3.5	3.3	3.0	3.5	3.5	3.6	3.2	3.6	3.6	3.4
3	3-5 years	3.3	3.2	2.9	3.4	3.5	3.5	3.1	3.6	3.4	3.5
4	6-10 years	3.4	3.3	3.0	3.4	3.5	3.4	3.2	3.6	3.4	3.3
5	More than 10 years	3.5	3.4	3.1	3.5	3.6	3.5	3.3	3.6	3.5	3.5

Knowledge - Overall		Domain 5: Sterilization							
	1. Which title best describes your present job? (Select one)	q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	Sterile Processing Technician	3.6	3.6	3.7	3.6	3.6	3.5	3.3	3.4
2	Ambulatory Surgery/Care Sterile Processing Technician	3.5	3.5	3.7	3.5	3.5	3.3	3.2	3.1
3	OR Instrument Specialist	3.8	3.8	3.8	3.8	3.6	3.4	2.8	3.0
4	Surgical Technician	3.6	3.7	3.7	3.7	3.6	3.6	3.6	3.6
5	OR Nurse	3.8	3.8	3.6	3.6	3.6	3.2	3.2	3.4
6	Other	3.4	3.4	3.6	3.5	3.5	3.2	3.1	3.1
	2. What is your gender?	q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	Male	3.5	3.5	3.6	3.6	3.6	3.4	3.3	3.2
2	Female	3.6	3.6	3.7	3.6	3.6	3.5	3.3	3.3
	3. What is your age?	q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	Less than 20 years of age	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
2	20-30 years of age	3.8	3.7	3.8	3.6	3.8	3.6	3.4	3.5
3	31-40 years of age	3.5	3.5	3.6	3.6	3.6	3.5	3.4	3.4
4	41-50 years of age	3.6	3.6	3.7	3.6	3.6	3.3	3.1	3.2
5	51-60 years of age	3.5	3.6	3.7	3.6	3.6	3.6	3.2	3.3
6	More than 60 years of age	3.6	3.6	3.8	3.6	3.6	3.3	3.2	3.2
	4. How do you describe yourself?	q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	White (non-Hispanic)	3.5	3.5	3.6	3.6	3.6	3.5	3.2	3.3
2	Black or African American	3.7	3.7	3.8	3.7	3.7	3.6	3.4	3.5
3	Hispanic or Latino	3.4	3.4	3.7	3.5	3.6	3.3	3.2	3.3
4	Asian or Asian American	3.7	3.7	3.8	3.7	3.7	3.6	3.5	3.3

5	American Indian or Alaska Native	3.7	3.7	3.7	3.7	3.7	2.8	3.2	2.7
6	Hawaiian or Another Pacific Islander	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
7	Other	3.8	3.8	3.8	3.8	3.7	3.6	3.6	3.7
5. What is the highest level of formal education that you have completed?		q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	High School Diploma/GED	3.5	3.5	3.6	3.5	3.5	3.3	3.2	3.2
2	One Year Technical diploma	3.5	3.5	3.6	3.6	3.6	3.6	3.3	3.4
3	LPN diploma	3.8	3.6	3.8	3.6	3.6	3.6	3.0	3.2
4	RN diploma								
5	Some college without a degree	3.6	3.5	3.7	3.6	3.6	3.4	3.3	3.3
6	Associate's degree	3.4	3.5	3.6	3.6	3.6	3.4	3.3	3.2
7	Bachelor's degree	3.6	3.6	3.7	3.6	3.7	3.5	3.2	3.3
8	Sterile Processing Training Course	3.7	3.7	3.8	3.7	3.7	3.6	3.4	3.5
6. What is your current work setting?		q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	Hospital	3.6	3.6	3.7	3.6	3.6	3.5	3.3	3.3
2	Ambulatory Care/Surgery Center	3.5	3.5	3.7	3.6	3.6	3.4	3.3	3.3
3	Surgical Instrument Sales or Service Company Medical or Dental Office	4.0	4.0	3.0	4.0	3.0	2.5	2.5	2.0
4	Medical or Dental Office	2.9	2.8	3.0	2.9	3.1	2.8	2.9	2.9
7. How many years of experience do you have working as a Sterile Processing Technician?		q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	Less than 1 year	3.1	3.1	3.4	3.2	3.2	3.1	3.1	2.7
2	1-2 years	3.5	3.5	3.5	3.5	3.5	3.5	3.1	3.3
3	3-5 years	3.6	3.6	3.7	3.6	3.6	3.5	3.4	3.3
4	6-10 years	3.6	3.6	3.7	3.6	3.6	3.4	3.2	3.3
5	11-20 years	3.6	3.5	3.7	3.6	3.6	3.5	3.3	3.3
6	More than 20 years	3.7	3.7	3.8	3.7	3.7	3.6	3.3	3.4
8. In which geographic location do you primarily work?		q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	Northeast US	3.6	3.7	3.7	3.7	3.7	3.5	3.2	3.3
2	SouthEast US	3.6	3.6	3.7	3.7	3.6	3.5	3.4	3.5
3	Northwest US	3.4	3.5	3.5	3.5	3.4	3.3	3.2	3.2
4	Midwest US	3.6	3.5	3.7	3.5	3.6	3.5	3.2	3.3
5	Southwest US	3.5	3.6	3.6	3.6	3.6	3.4	3.3	3.1
6	Canada	2.5	2.0	3.0	2.0	3.0	3.0	3.0	2.0
7	Other	3.9	3.8	3.9	3.8	3.8	3.8	3.6	3.7

	10. In which level of urbanization do you primarily work?	q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	Urban								
2	Suburban								
3	Rural								
	11. How many years of experience do you have working with surgical instrumentation?	q28_1_1	q28_2_1	q28_3_1	q28_4_1	q28_5_1	q28_6_1	q28_7_1	q28_8_1
1	Less than a year	3.1	3.1	3.4	3.3	3.3	3.2	3.1	2.8
2	1-2 years	3.5	3.5	3.6	3.5	3.6	3.6	3.3	3.3
3	3-5 years	3.6	3.6	3.6	3.6	3.5	3.5	3.3	3.3
4	6-10 years	3.5	3.6	3.7	3.6	3.7	3.4	3.2	3.2
5	More than 10 years	3.6	3.6	3.7	3.7	3.6	3.5	3.3	3.4

Knowledge - Overall		Domain 6: Sterile Storage				
	1. Which title best describes your present job? (Select one)	q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	Sterile Processing Technician	3.5	3.4	3.3	3.2	3.1
2	Ambulatory Surgery/Care Sterile Processing Technician	3.0	3.2	2.9	2.7	3.4
3	OR Instrument Specialist	3.6	3.2	2.2	1.6	1.2
4	Surgical Technician	3.6	3.6	3.7	3.5	3.6
5	OR Nurse	3.8	3.8	3.6	3.4	3.4
6	Other	3.1	3.0	3.0	3.0	3.0
	2. What is your gender?	q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	Male	3.4	3.4	3.3	3.1	3.0
2	Female	3.4	3.4	3.2	3.1	3.1
	3. What is your age?	q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	Less than 20 years of age	4.0	4.0	4.0	4.0	4.0
2	20-30 years of age	3.6	3.6	3.5	3.3	3.2
3	31-40 years of age	3.4	3.4	3.3	3.0	3.0
4	41-50 years of age	3.4	3.3	3.1	3.0	3.0
5	51-60 years of age	3.5	3.4	3.3	3.2	3.2
6	More than 60 years of age	3.1	3.2	3.1	2.8	3.1
	4. How do you describe yourself?	q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	White (non-Hispanic)	3.4	3.4	3.2	3.0	3.0
2	Black or African American	3.5	3.5	3.4	3.3	3.2
3	Hispanic or Latino	3.3	3.1	3.0	2.8	3.0
4	Asian or Asian American	3.6	3.6	3.5	3.5	3.4
5	American Indian or Alaska Native	3.2	3.5	3.2	3.0	3.2
6	Hawaiian or Another Pacific Islander	4.0	4.0	4.0	4.0	4.0
7	Other	3.4	3.3	3.2	3.2	3.2

5. What is the highest level of formal education that you have completed?		q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	High School Diploma/GED	3.3	3.3	3.2	3.0	3.1
2	One Year Technical diploma	3.5	3.5	3.2	3.1	3.3
3	LPN diploma	3.2	3.0	3.4	3.0	2.8
4	RN diploma					
5	Some college without a degree	3.4	3.4	3.2	3.1	3.1
6	Associate's degree	3.4	3.3	3.2	3.0	3.0
7	Bachelor's degree	3.6	3.5	3.2	3.0	3.0
8	Sterile Processing Training Course	3.5	3.5	3.4	3.3	3.3
6. What is your current work setting?		q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	Hospital	3.4	3.4	3.3	3.1	3.1
2	Ambulatory Care/Surgery Center	3.4	3.3	3.1	2.9	3.3
3	Surgical Instrument Sales or Service Company Medical or Dental Office	3.0	2.5	2.5	2.5	2.0
4	Medical or Dental Office	3.0	3.1	3.3	2.8	2.8
7. How many years of experience do you have working as a Sterile Processing Technician?		q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	Less than 1 year	2.9	3.0	3.0	2.9	2.8
2	1-2 years	3.4	3.4	3.1	3.1	2.9
3	3-5 years	3.5	3.4	3.3	3.1	3.1
4	6-10 years	3.5	3.4	3.2	3.1	3.1
5	11-20 years	3.5	3.4	3.3	3.1	3.1
6	More than 20 years	3.4	3.4	3.3	3.2	3.3
8. In which geographic location do you primarily work?		q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	Northeast US	3.4	3.4	3.3	3.1	3.2
2	SouthEast US	3.5	3.5	3.3	3.2	3.3
3	Northwest US	3.2	3.3	3.1	2.8	2.8
4	Midwest US	3.4	3.4	3.2	3.1	3.0
5	Southwest US	3.4	3.3	3.2	3.2	3.0
6	Canada	3.0	3.0	3.5	3.0	3.5
7	Other	3.8	3.8	3.9	3.6	3.5
10. In which level of urbanization do you primarily work?		q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	Urban	3.5	3.4	3.3	3.2	3.1
2	Suburban	3.3	3.3	3.2	3.1	3.1
3	Rural	3.4	3.3	3.2	3.0	3.1

11. How many years of experience do you have working with surgical instrumentation?		q32_1_1	q32_2_1	q32_3_1	q32_4_1	q32_5_1
1	Less than a year	2.9	3.0	3.1	2.9	2.7
2	1-2 years	3.6	3.5	3.3	3.3	3.1
3	3-5 years	3.5	3.4	3.2	3.0	3.0
4	6-10 years	3.4	3.3	3.2	3.0	3.1
5	More than 10 years	3.4	3.4	3.3	3.2	3.2

Knowledge - Overall		Domain 7: Patient Care Equipment		
1. Which title best describes your present job? (Select one)		q36_1_1	q36_2_1	q36_3_1
1	Sterile Processing Technician	2.9	2.9	2.7
2	Ambulatory Surgery/Care Sterile Processing Technician	2.4	2.5	2.2
3	OR Instrument Specialist	1.2	1.4	1.4
4	Surgical Technician	3.0	2.9	3.0
5	OR Nurse	3.6	3.6	3.4
6	Other	2.4	2.3	2.2
2. What is your gender?		q36_1_1	q36_2_1	q36_3_1
1	Male	2.9	2.9	2.7
2	Female	2.7	2.8	2.6
3. What is your age?		q36_1_1	q36_2_1	q36_3_1
1	Less than 20 years of age	4.0	4.0	4.0
2	20-30 years of age	3.2	3.2	2.9
3	31-40 years of age	2.8	2.8	2.7
4	41-50 years of age	2.6	2.7	2.4
5	51-60 years of age	2.8	2.9	2.7
6	More than 60 years of age	2.6	2.6	2.4
4. How do you describe yourself?		q36_1_1	q36_2_1	q36_3_1
1	White (non-Hispanic)	2.6	2.7	2.5
2	Black or African American	3.0	3.1	3.0
3	Hispanic or Latino	2.6	2.8	2.5
4	Asian or Asian American	3.5	3.4	3.2
5	American Indian or Alaska Native	1.7	1.8	1.3
6	Hawaiian or Another Pacific Islander	4.0	3.7	3.7
7	Other	3.0	3.1	2.7
5. What is the highest level of formal education that you have completed?		q36_1_1	q36_2_1	q36_3_1
1	High School Diploma/GED	2.8	2.8	2.7
2	One Year Technical diploma	2.6	2.6	2.6
3	LPN diploma	2.8	2.8	2.6
4	RN diploma			
5	Some college without a degree	2.7	2.8	2.5
6	Associate's degree	2.5	2.5	2.3

7	Bachelor's degree	3.0	2.9	2.7
8	Sterile Processing Training Course	3.0	3.2	2.9
	6. What is your current work setting?	q36_1_1	q36_2_1	q36_3_1
1	Hospital	2.8	2.8	2.6
2	Ambulatory Care/Surgery Center	2.8	2.8	2.7
3	Surgical Instrument Sales or Service Company Medical or Dental Office	3.5	2.0	1.0
4	Medical or Dental Office	2.4	2.3	2.0
	7. How many years of experience do you have working as a Sterile Processing Technician?	q36_1_1	q36_2_1	q36_3_1
1	Less than 1 year	2.8	2.7	2.5
2	1-2 years	2.9	2.9	2.6
3	3-5 years	2.8	2.9	2.7
4	6-10 years	2.8	2.8	2.6
5	11-20 years	2.8	2.8	2.6
6	More than 20 years	2.7	2.7	2.6
	8. In which geographic location do you primarily work?	q36_1_1	q36_2_1	q36_3_1
1	Northeast US	2.8	2.9	2.6
2	SouthEast US	2.9	2.9	2.8
3	Northwest US	2.8	2.8	2.6
4	Midwest US	2.4	2.5	2.3
5	Southwest US	2.9	3.1	2.8
6	Canada	3.5	3.0	3.5
7	Other	3.4	3.4	3.3
	10. In which level of urbanization do you primarily work?	q36_1_1	q36_2_1	q36_3_1
1	Urban	2.7	2.7	2.6
2	Suburban	2.8	2.9	2.6
3	Rural	2.9	3.0	2.8
	11. How many years of experience do you have working with surgical instrumentation?	q36_1_1	q36_2_1	q36_3_1
1	Less than a year	2.6	2.6	2.3
2	1-2 years	3.0	3.1	2.8
3	3-5 years	2.9	2.9	2.8
4	6-10 years	2.7	2.7	2.6
5	More than 10 years	2.7	2.8	2.6

Knowledge - Overall		Domain 8: Ethics
1. Which title best describes your present job? (Select one)		q41_1_1
1	Sterile Processing Technician	3.6
2	Ambulatory Surgery/Care Sterile Processing Technician	3.5
3	OR Instrument Specialist	3.0
4	Surgical Technician	3.8
5	OR Nurse	3.4
6	Other	3.3
2. What is your gender?		q41_1_1
1	Male	3.5
2	Female	3.5
3. What is your age?		q41_1_1
1	Less than 20 years of age	4.0
2	20-30 years of age	3.5
3	31-40 years of age	3.6
4	41-50 years of age	3.5
5	51-60 years of age	3.5
6	More than 60 years of age	3.6
4. How do you describe yourself?		q41_1_1
1	White (non-Hispanic)	3.5
2	Black or African American	3.7
3	Hispanic or Latino	3.4
4	Asian or Asian American	3.7
5	American Indian or Alaska Native	3.2
6	Hawaiian or Other Pacific Islander	4.0
7	Other	3.5
5. What is the highest level of formal education that you have completed?		q41_1_1
1	High School Diploma/GED	3.5
2	One Year Technical diploma	3.6
3	LPN diploma	3.8
4	RN diploma	
5	Some college without a degree	3.5
6	Associate's degree	3.5
7	Bachelor's degree	3.5
8	Sterile Processing Training Course	3.6
6. What is your current work setting?		q41_1_1
1	Hospital	3.5
2	Ambulatory Care/Surgery Center	3.5
3	Surgical Instrument Sales or Service Company Medical or Dental Office	2.0

4	Medical or Dental Office	3.6
7. How many years of experience do you have working as a Sterile Processing Technician?		
		q41_1_1
1	Less than 1 year	3.1
2	1-2 years	3.4
3	3-5 years	3.6
4	6-10 years	3.5
5	11-20 years	3.6
6	More than 20 years	3.6
8. In which geographic location do you primarily work?		
		q41_1_1
1	Northeast US	3.6
2	Southeast US	3.6
3	Northwest US	3.3
4	Midwest US	3.4
5	Southwest US	3.6
6	Canada	3.5
7	Other	3.7
10. In which level of urbanization do you primarily work?		
		q41_1_1
1	Urban	3.5
2	Suburban	3.5
3	Rural	3.5
11. How many years of experience do you have working with surgical instrumentation?		
		q41_1_1
1	Less than a year	3.1
2	1-2 years	3.6
3	3-5 years	3.5
4	6-10 years	3.5
5	More than 10 years	3.6

Domain Means by Biographical Question

Biographical Questions								
1. Which title best describes your present job? (Select one)	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Sterile Processing Technician	12.15	8.30	20.83	15.28	18.73	10.99	5.82	7.90
Ambulatory Surgery/Care Sterile Processing Technician	10.47	8.43	19.13	16.00	20.60	11.70	5.43	8.23
OR Instrument Specialist	13.00	12.00	28.00	13.20	20.00	6.80	3.00	3.00
Surgical Technician	10.40	10.60	22.90	13.90	19.90	8.60	5.30	8.40
OR Nurse	11.00	7.60	20.00	19.00	19.00	10.00	6.60	6.80
Other	12.49	8.55	21.47	16.15	19.77	9.64	5.34	6.60
2. What is your gender?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Male	12.13	8.12	20.23	13.78	18.96	11.60	6.16	8.03
Female	12.00	8.54	21.14	15.64	19.04	10.48	5.54	7.61
3. What is your age?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Less than 20 years of age								
20-30 years of age	10.59	7.14	20.92	15.96	20.25	11.78	5.88	7.47
31-40 years of age	11.78	8.76	21.37	15.03	19.54	10.98	5.24	7.30
41-50 years of age	12.65	8.92	20.30	15.26	17.74	11.03	5.98	8.11
51-60 years of age	11.84	8.37	21.18	15.61	19.08	10.41	5.64	7.86
More than 60 years of age	13.65	8.08	20.35	15.46	19.32	9.41	6.16	7.57
4. How do you describe yourself?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
White (non-Hispanic)	11.57	8.38	21.47	15.91	19.35	10.97	5.02	7.33
Black or African American	13.06	9.16	19.73	13.10	17.93	10.09	6.60	8.33
Hispanic or Latino	11.84	7.78	21.56	15.00	19.53	9.41	6.66	8.22
Asian or Asian American	11.19	7.56	20.04	13.63	20.00	11.41	7.04	8.15
American Indian or Alaska Native	10.60	9.60	18.60	16.60	16.40	10.40	7.40	10.40
Hawaiian or Other Pacific Islander	11.00	7.00	19.33	16.00	16.00	11.00	9.00	10.67
Other	11.92	8.08	17.75	15.58	17.33	13.50	7.75	8.08
5. What is the highest level of formal education that you have completed?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
High School Diploma/GED	12.78	8.01	20.62	15.83	18.51	10.91	6.00	7.33
One Year Technical diploma	10.97	9.58	19.86	15.50	19.72	10.14	5.31	8.92
LPN diploma	10.00	8.00	21.00	18.00	18.00	10.00	6.40	8.60
RN diploma	10.00	10.00	20.00	15.00	20.00	10.00	10.00	5.00
Some college without a degree	11.99	8.21	20.95	15.19	19.21	11.47	5.31	7.67
Associate's degree	12.04	8.55	22.68	15.28	19.28	9.24	5.18	7.74
Bachelor's degree	11.91	8.22	20.06	16.30	19.41	10.48	6.07	7.56
Sterile Processing Training Course	12.16	8.59	20.49	13.71	18.45	11.70	6.27	7.65

6. What is your current work setting?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Hospital	12.24	8.23	21.12	15.64	18.75	10.84	5.63	7.56
Ambulatory Care/Surgery Center	11.56	9.20	19.60	13.36	20.14	10.64	6.07	8.43
Surgical Instrument Sales or Service Company Medical or Dental Office	8.33	11.67	23.33	13.33	21.67	8.33	6.67	6.67
Medical or Dental Office	8.14	9.29	22.29	16.00	20.14	9.86	5.43	8.86

7. How many years of experience do you have working as a Sterile Processing Technician?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Less than 1 year	11.33	9.47	19.40	15.33	18.20	11.20	6.20	8.87
1-2 years	10.61	8.72	22.26	13.44	20.08	10.79	5.75	7.34
3-5 years	11.06	7.82	20.80	15.94	20.08	10.76	5.27	8.28
6-10 years	12.11	9.24	20.43	15.77	18.69	11.40	5.46	6.90
11-20 years	12.47	8.18	21.19	15.10	18.47	10.93	5.69	7.96
More than 20 years	13.94	8.04	20.37	15.59	18.11	9.70	6.45	7.79

8. In which geographic location do you primarily work?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Northeast US	13.33	8.42	20.77	15.23	18.18	10.94	5.45	7.68
Southeast US	11.41	8.38	20.31	15.57	19.04	10.78	6.55	7.95
Northwest US	11.39	7.93	20.93	16.17	19.26	11.06	5.48	7.80
Midwest US	11.94	8.76	21.56	15.31	19.50	10.49	3.85	7.59
Southwest US	12.24	9.21	21.58	13.76	18.29	9.37	6.58	7.97
Canada	6.00	15.00	20.00	15.00	20.00	15.00	5.00	3.00
Other	9.60	6.55	19.75	15.50	22.00	13.05	6.55	7.00

9. What certifications and/or licenses do you presently hold?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Certified Sterile Processing and Distribution Technician (CSPDT)	12.0	8.4	21.0	15.6	18.9	10.8	5.6	7.7
Certified Surgical Instrument Processor/Specialist (CSIP/CSIS)	13.8	7.4	19.2	16.2	21.7	9.2	3.4	7.1
Certified Registered Central Service Technician (CRCST)	13.7	8.6	20.3	13.1	20.1	10.3	5.4	7.6
OR Surgical Technologist None of the above	11.8	9.6	22.1	13.3	21.2	8.3	3.7	8.0
None of the above	9.4	8.1	19.4	13.8	21.3	11.9	7.9	8.4
Other	11.0	7.8	21.6	15.8	19.9	10.6	5.2	8.1

10. In which level of urbanization do you primarily work?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Urban	12.27	8.16	20.13	15.54	19.09	11.10	5.92	7.80
Suburban	11.79	8.79	21.75	15.04	19.32	10.14	5.46	7.70
Rural	11.82	8.54	21.53	15.73	18.29	11.01	5.54	7.54

11. How many years of experience do you have working with surgical instrumentation?	DOMAIN1	DOMAIN2	DOMAIN3	DOMAIN4	DOMAIN5	DOMAIN6	DOMAIN7	DOMAIN8
Less than a year	13.46	8.77	18.92	15.00	17.54	11.38	6.15	8.77
1-2 years	10.06	8.10	22.12	15.02	20.13	11.50	5.85	7.23
3-5 years	11.27	8.49	20.35	13.88	19.60	11.10	5.62	8.69
6-10 years	12.21	9.48	21.12	15.56	18.52	10.89	5.48	6.74
More than 10 years	12.70	7.98	20.83	15.70	18.81	10.36	5.78	7.84