

Capacity Assessment Tool – Orthopaedic Surgery

Surgical Outreach Organization Being Evaluated: _____

Date of Last Outreach Trip from the Organization: _____

City and Country of Hospital/Clinic Site: _____

Facility Description (ie: tertiary hospital): _____

Completed by (first and last name): _____

Directions: The CAT-os should be filled out by a representative from the Orthopaedic Department who is familiar with the outreach partnership being evaluated. The CAT-os should be scored as it relates to the present activities between the Orthopaedic Department and the outreach organization.

Capacity building Assessment Tool (CAT) Assessment Domains and Definitions

Partnership	<i>Long-term connections between a surgical outreach organization, the local healthcare system, community, and government</i>
Professional Development	<i>The advancement of the clinical, educational, and research activities of the local healthcare system and community</i>
Governance	<i>The structures and processes by which a surgical outreach organization and the local healthcare system and community are directed</i>
Community Impact	<i>The effect of activities on the health and wellbeing of the local community (ie: population health)</i>
Finance	<i>The capital required to fund activities</i>
Coordination	<i>The communication and strategic plans to build capacity</i>
Culture	<i>The shared beliefs of the surgical outreach organization, the local healthcare system, and the community</i>

Partnership: Long-term connections between a surgical outreach organization, the local healthcare system, community, and government					
Goal: The local healthcare system should <i>independently</i> develop and manage its own partnerships					
	Score 0:	Score 1:	Score 2:	Score 3:	Score 4:
Score 0	<p>The local healthcare system <i>does not have</i> ongoing, bidirectional partnerships</p> <p><input type="checkbox"/> Plans for sustainable relationships and future trips have been discussed, but not formalized</p>				
Score 1	<p>A surgical outreach organization and the local healthcare system have <i>developed</i> a formal plan for ongoing, bidirectional partnerships</p> <p><input type="checkbox"/> Short term plans (<5 years) for sustainability have been outlined including a return trip and there is continued bidirectional communication between local and visiting care teams</p>				
Score 2	<p>A surgical outreach organization and the local healthcare system have <i>implemented</i> an ongoing, bidirectional partnership</p> <p><input type="checkbox"/> An outreach organization and local healthcare systems have outlined long term plans (>5 years) for sustainability with multiple anticipated outreach activities</p> <p><input type="checkbox"/> An outreach organization communicates and collaborates with the local hospital and healthcare system leadership</p>				
Score 3	<p>A surgical outreach organization <i>facilitates</i> ongoing, bidirectional partnerships between the local healthcare system and new <i>third-party</i> organizations (for example: professional societies, other outreach organizations, local community partners, other hospital systems, public health sector organizations)</p> <p><input type="checkbox"/> A surgical outreach organization facilitates the participation of local surgeon(s) in annual meetings of professional societies (within the last 2 years)</p> <p><input type="checkbox"/> A surgical outreach organization facilitates collaboration with at least one additional third-party organization</p>				
Score 4	<p>The local healthcare system <i>independently</i> develops and manages its own partnerships</p> <p><input type="checkbox"/> Local surgeons and other healthcare workers independently participate in annual meetings of surgical professional societies</p> <p><input type="checkbox"/> Local surgeons and other healthcare workers independently partner with third party organizations to build institutional capacity</p>				

Professional Development: <i>The advancement of the clinical, educational, and research activities of the local healthcare system and community</i> Goal: The local healthcare system should <i>independently</i> sustain an ongoing educational curriculum, quality improvement program, and research program*					
	Score 0:	Score 1:	Score 2:	Score 3:	Score 4:
Score 0	The local healthcare system <i>does not have</i> an educational curriculum, quality improvement program, and research program				
Score 1	A surgical outreach organization and the local community are <i>developing</i> a needs-based educational curriculum <input type="checkbox"/> There are plans to allocate time for education of local healthcare system by the outreach organization and local community <input type="checkbox"/> A surgical outreach organization and the local community are developing a comprehensive curriculum on surgical and non-surgical patient care through didactic and hands-on techniques/methods				
Score 2	A surgical outreach organization and local health care system have <i>implemented</i> an educational curriculum and are <i>developing</i> a quality improvement program <input type="checkbox"/> The educational curriculum is delivered primarily by the outreach organization <input type="checkbox"/> A surgical outreach organization and the local community are developing a quality improvement program				
Score 3	A surgical outreach organization and local healthcare system have <i>implemented</i> an educational curriculum and quality improvement program and are <i>developing</i> a research program <input type="checkbox"/> There is a process for longitudinal assessment of learners with feedback to the curriculum <input type="checkbox"/> The quality improvement program and educational curriculum are majority lead by the local healthcare system with input from the outreach organization <input type="checkbox"/> A surgical outreach organization and the local community are developing a research program				
Score 4	The local healthcare system <i>independently</i> sustains an ongoing educational curriculum, quality improvement program, and research program <input type="checkbox"/> Local surgeons and other healthcare workers independently manage an educational curriculum <input type="checkbox"/> Local surgeons and other healthcare workers independently manage a quality improvement program <input type="checkbox"/> Local surgeons and other healthcare workers independently manage a research program				

*The order of programming (e.g. educational, quality improvement, and research) can be modified based upon the local context.

Governance: <i>The structures and processes by which a surgical outreach organization and the local healthcare system and community are directed</i>					
Goal: The local healthcare system should continuously implement and update policies for care delivery that are consistent with international standards (e.g. World Health Organization)					
	Score 0:	Score 1:	Score 2:	Score 3:	Score 4:
Score 0	The local healthcare system has not documented policies and oversight for care delivery that are consistent with international standards (e.g. World Health Organization)				
Score 1	<p>A surgical outreach organization and the local healthcare system have <i>identified</i> the current state of rules, regulations, and policies of the local healthcare system and identified inconsistencies with international standards</p> <input type="checkbox"/> Inconsistencies in policies between international standards and local healthcare system’s policies are identified and documented by a surgical outreach organization and the local healthcare system				
Score 2	<p>A surgical outreach organization has <i>developed</i> and <i>implemented</i> policies and oversight for the organization’s care delivery that are consistent with international standards and align with local healthcare system workflows</p> <input type="checkbox"/> There is documentation of policies consistent with international standards that are developed and implemented by a surgical outreach organization				
Score 3	<p>A surgical outreach organization and the local healthcare system are continuously <i>implementing</i> and <i>monitoring</i> policies for care delivery that are consistent with international standards (e.g. World Health Organization)</p> <input type="checkbox"/> There is documentation of policies jointly developed and implemented by a surgical outreach organization and the local healthcare system				
Score 4	<p>The local healthcare system is continuously implementing and updating policies for care delivery that are consistent with international standards (e.g. World Health Organization)</p> <input type="checkbox"/> There is documentation of policies independently developed, updated, and mandated by local healthcare system				

Community Impact: <i>The effect of activities on the health and wellbeing of the local community (ie: population health)</i>					
Goal: The local healthcare system should <i>independently implement</i> processes for <i>longitudinal</i> measurement of population health					
	Score 0:	Score 1:	Score 2:	Score 3:	Score 4:
Score 0	A surgical outreach organization and the local healthcare system <i>have not identified</i> patient or community needs for measuring and monitoring patient and population health				
Score 1	A surgical outreach organization and the local healthcare system have <i>identified</i> community needs for measuring and monitoring patient and/or population health <input type="checkbox"/> Measurement instruments tailored to the community needs have been identified and documented by a surgical outreach organization and the local healthcare system				
Score 2	A surgical outreach organization has <i>implemented</i> processes for <i>longitudinal</i> measurement of patient and/or population health <input type="checkbox"/> Measurement systems are developed and managed by a surgical outreach organization to collect data longitudinally according to international standards after an outreach trip <input type="checkbox"/> Culturally relevant patient reported outcome measures are collected				
Score 3	A surgical outreach organization and local healthcare system have <i>implemented</i> processes for <i>longitudinal</i> measurement of population health <input type="checkbox"/> Measurement systems are developed and managed by a surgical outreach organization and the local healthcare system to collect data related to population health according to international standards				
Score 4	The local healthcare system has <i>independently implemented</i> processes for <i>longitudinal</i> measurement of population health <input type="checkbox"/> There is documentation of an independent review of measurement systems according to international standards within the last year <input type="checkbox"/> A measure evaluating the impact of activities on population health according to international standards is collected longitudinally (annually)				

Finance: The capital required to fund activities					
Goal: The local healthcare system should have <i>independent</i> processes for obtaining capital that support capacity building activities					
	Score 0:	Score 1:	Score 2:	Score 3:	Score 4:
Score 0	A surgical outreach organization and the local healthcare system <i>have not identified</i> funding opportunity to support capacity building				
Score 1	A surgical outreach organization and the local healthcare system have <i>identified</i> funding opportunities to support capacity building <input type="checkbox"/> The local healthcare system or a surgical outreach organization have documented future financing plans (e.g. proforma) with increased funding provided by the local healthcare system				
Score 2	A majority of capacity building financing is <i>provided</i> and <i>managed</i> by a <i>surgical outreach organization</i> <input type="checkbox"/> A majority (>50%) of current financing and priorities for capacity building activities are provided by a surgical outreach organization <input type="checkbox"/> The local healthcare system has documented future financing plans that are predominantly (>50%) provided and prioritized by the local healthcare system				
Score 3	A majority of capacity building financing is <i>provided</i> and <i>managed</i> by the <i>local healthcare system</i> <input type="checkbox"/> A majority (>50%) of current financing and priorities for capacity building activities are provided by the local healthcare system <input type="checkbox"/> The local healthcare system has documented plans and priorities for independently financing capacity building activities				
Score 4	The local healthcare system has <i>independent</i> processes for obtaining capital that support capacity building activities <input type="checkbox"/> The local healthcare system documents current and future financing plans independent of surgical outreach organizations				

Coordination: <i>The communication and strategic plans to build capacity</i>					
Goal: The local healthcare system should <i>independently</i> coordinate capacity building activities					
	Score 0:	Score 1:	Score 2:	Score 3:	Score 4:
Score 0	There is no documentation or plan for the coordination of the capacity building activities				
Score 1	A surgical outreach organization coordinates the implementation of capacity building activities <input type="checkbox"/> A surgical outreach organization has documented and drives plans to build capacity				
Score 2	A surgical outreach organization leads capacity building activities with assistance from the local healthcare system <input type="checkbox"/> A surgical outreach organization has documented plans to build capacity with input from the local healthcare system				
Score 3	The local healthcare system leads capacity building activities with assistance from a surgical outreach organization <input type="checkbox"/> The local healthcare system has documented plans to build capacity with input from the surgical outreach organization				
Score 4	The local healthcare system <i>independently</i> coordinates capacity building activities <input type="checkbox"/> The local healthcare system documents and drives plans to build capacity				

Culture: <i>The shared beliefs of the surgical outreach organization, the local healthcare system, and the community</i>		
	Score -:	Score +:
Score -	A surgical outreach organization and the local healthcare community <i>have not</i> discussed their shared beliefs and goals toward capacity building <input type="checkbox"/> The local healthcare system and a surgical outreach organization have not documented their shared beliefs and goals toward capacity building	
Score +	A surgical outreach organization and the local healthcare community <i>have</i> discussed their shared beliefs and goals toward capacity building <input type="checkbox"/> The local healthcare system and a surgical outreach organization have discussed and documented their shared beliefs and goals toward capacity building	