



**PLASTODUR**<sup>®</sup>  
ALL ABOUT PLASTINATION

# PLASTINATION COST CHART

## Gross specimens

\*Cost of chemicals and silicone given in this document is only for reference. Cost may vary.

\* The given volume of each specimen; chemicals & resin consumed by them, vary depending on the size and condition of the specimen. Consider values only for reference.

| Sl.No: | Organ                      | Organ Volume<br>In Litre (approx) | Silicone Plastodur S-18    |                         | Acetone 98%         |                     | Acetone 99.99%      |                      | Total cost ₹ |
|--------|----------------------------|-----------------------------------|----------------------------|-------------------------|---------------------|---------------------|---------------------|----------------------|--------------|
|        |                            |                                   | Volume<br>consumed<br>(KG) | Unit Cost/KG<br>₹ 8,670 | Volume<br>needed(L) | Unit Cost/L<br>₹ 90 | Volume<br>needed(L) | Unit Cost/L<br>₹ 900 |              |
| 1      | Heart                      | 0.35                              | 0.21                       | ₹ 1,820.70              | 7                   | ₹ 630               | 3.5                 | ₹ 3,150              | 5601         |
| 2      | Kidney                     | 0.25                              | 0.15                       | ₹ 1,300.50              | 5                   | ₹ 450               | 2.5                 | ₹ 2,250              | 4001         |
| 3      | Brain                      | 1.2                               | 0.72                       | ₹ 6,242.40              | 24                  | ₹ 2,160             | 12                  | ₹ 10,800             | 19202        |
| 4      | Liver                      | 1.5                               | 0.9                        | ₹ 7,803                 | 30                  | ₹ 2,700             | 15                  | ₹ 13,500             | 24003        |
| 5      | Spleen                     | 0.3                               | 0.18                       | ₹ 1,560.60              | 6                   | ₹ 540               | 3                   | ₹ 2,700              | 4801         |
| 6      | Pancreas & Duodenum        | 0.2                               | 0.12                       | ₹ 1,040.40              | 4                   | ₹ 360               | 2                   | ₹ 1,800              | 3200         |
| 7      | Caecum & Appendix          | 0.1                               | 0.06                       | ₹ 520.20                | 2                   | ₹ 180               | 1                   | ₹ 900                | 1600         |
| 8      | UrinaryBladder, Urethra(m) | 0.3                               | 0.18                       | ₹ 1,560.60              | 6                   | ₹ 540               | 3                   | ₹ 2,700              | 4801         |
| 9      | Larynx                     | 0.1                               | 0.06                       | ₹ 520.20                | 2                   | ₹ 180               | 1                   | ₹ 900                | 1600         |
| 10     | Lung                       | 1                                 | 0.6                        | ₹ 5,202                 | 20                  | ₹ 1,800             | 10                  | ₹ 9,000              | 16002        |
| 11     | Stomach                    | 0.4                               | 0.24                       | ₹ 2,080.80              | 8                   | ₹ 720               | 4                   | ₹ 3,600              | 6401         |
| 12     | Intestine                  | 2                                 | 1.2                        | ₹ 10,404                | 40                  | ₹ 3,600             | 20                  | ₹ 18,000             | 32004        |
| 13     | Uterus                     | 0.1                               | 0.06                       | ₹ 520.20                | 2                   | ₹ 180               | 1                   | ₹ 900                | 1600         |
| 14     | Testis                     | 0.02                              | 0.012                      | ₹ 104.04                | 0.4                 | ₹ 36                | 0.2                 | ₹ 180                | 320          |
| 15     | Leg& Foot                  | 2                                 | 1.2                        | ₹ 10,404                | 40                  | ₹ 3,600             | 20                  | ₹ 18,000             | 32004        |
| 16     | Hand                       | 0.2                               | 0.12                       | ₹ 1,040.40              | 4                   | ₹ 360               | 2                   | ₹ 1,800              | 3200         |

|    |               |     |      |            |     |          |     |            |               |
|----|---------------|-----|------|------------|-----|----------|-----|------------|---------------|
| 17 | Foot          | 0.3 | 0.18 | ₹ 1,560.60 | 6   | ₹ 540    | 3   | ₹ 2,700    | <b>4801</b>   |
| 18 | Forearm&Hand  | 1.5 | 0.9  | ₹ 7,803    | 30  | ₹ 2,700  | 15  | ₹ 13,500   | <b>24003</b>  |
| 19 | Thigh         | 5   | 3    | ₹ 26,010   | 100 | ₹ 9,000  | 50  | ₹ 45,000   | <b>80010</b>  |
| 20 | Thoracic wall | 1   | 0.6  | ₹ 5,202    | 20  | ₹ 1,800  | 10  | ₹ 9,000    | <b>16002</b>  |
| 21 | Pelvis        | 3   | 1.8  | ₹ 15,606   | 60  | ₹ 5,400  | 30  | ₹ 27,000   | <b>48006</b>  |
| 22 | Head & Neck   | 3   | 1.8  | ₹ 15,606   | 60  | ₹ 5,400  | 30  | ₹ 27,000   | <b>48006</b>  |
| 23 | Upper limb    | 3.5 | 2.1  | ₹ 18,207   | 70  | ₹ 6,300  | 35  | ₹ 31,500   | <b>56007</b>  |
| 24 | Lower limb    | 8   | 4.8  | ₹ 41,616   | 160 | ₹ 14,400 | 80  | ₹ 72,000   | <b>128016</b> |
| 25 | Full body     | 40  | 24   | ₹ 2,08,080 | 800 | ₹ 72,000 | 400 | ₹ 3,60,000 | <b>640080</b> |

### Foetus

|    |           |     |      |            |      |         |    |          |              |
|----|-----------|-----|------|------------|------|---------|----|----------|--------------|
| 26 | 2m        | 0.1 | 0.06 | ₹ 520.20   | 1.2  | ₹ 108   | 1  | ₹ 900    | <b>1528</b>  |
| 27 | 4m        | 0.5 | 0.3  | ₹ 2,601    | 6    | ₹ 540   | 5  | ₹ 4,500  | <b>7641</b>  |
| 28 | 6m        | 1.2 | 0.72 | ₹ 6,242.40 | 14.4 | ₹ 1,296 | 12 | ₹ 10,800 | <b>18338</b> |
| 29 | 8m        | 2   | 1.2  | ₹ 10,404   | 24   | ₹ 2,160 | 20 | ₹ 18,000 | <b>30564</b> |
| 30 | Full Term | 3.5 | 2.1  | ₹ 18,207   | 42   | ₹ 3,780 | 35 | ₹ 31,500 | <b>53487</b> |

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