

SNS COLLEGE OF ALLIED HEALTH SCIENCE
Affiliated to The Tamil Nadu Dr MGR Medical University, Chennai

DEPARTMENT OF CARDIOPULMONARY PERFUSION CARE
TECHNOLOGY

COURSE NAME: Introduction to Surgery

UNIT I

TOPIC : Surgical Terminology

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Introduction

- Surgical terminology helps healthcare professionals communicate clearly about procedures and anatomy.
- It is the foundation for patient safety and quality care.



Empathize — Case Study

- A young trainee nurse encounters unfamiliar surgical words before her first day in the operation theater.
- She is anxious and wants to ensure accurate understanding for patient safety and confidence in her role.



Empathize — Stakeholder Concerns



Define — Basic Surgical Terms

- **Incision:** Cutting into tissue.
- **Excision:** Cutting out tissue.
- **Extirpation:** Complete removal of diseased tissue.
- **Amputation:** Removal of a whole or part of a limb.

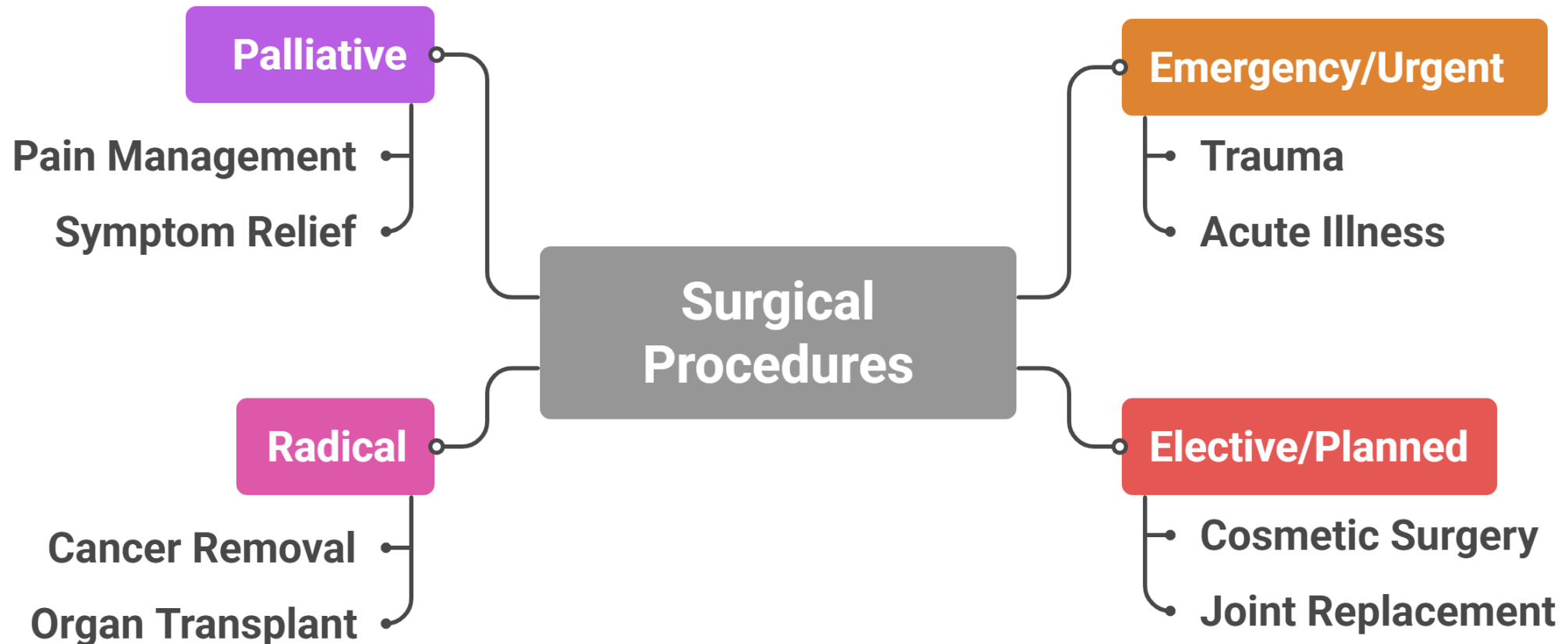


Define — Key Suffixes

- **-tomy:** Cutting or making an opening (e.g., tracheotomy).
- **-ectomy:** Removing an organ or tissue (e.g., appendectomy).
- **-stomy:** Creating an opening (e.g., colostomy).
- **Resection:** Removing part of an organ.
- **Enucleation:** Removing an organ/tumor in one piece.

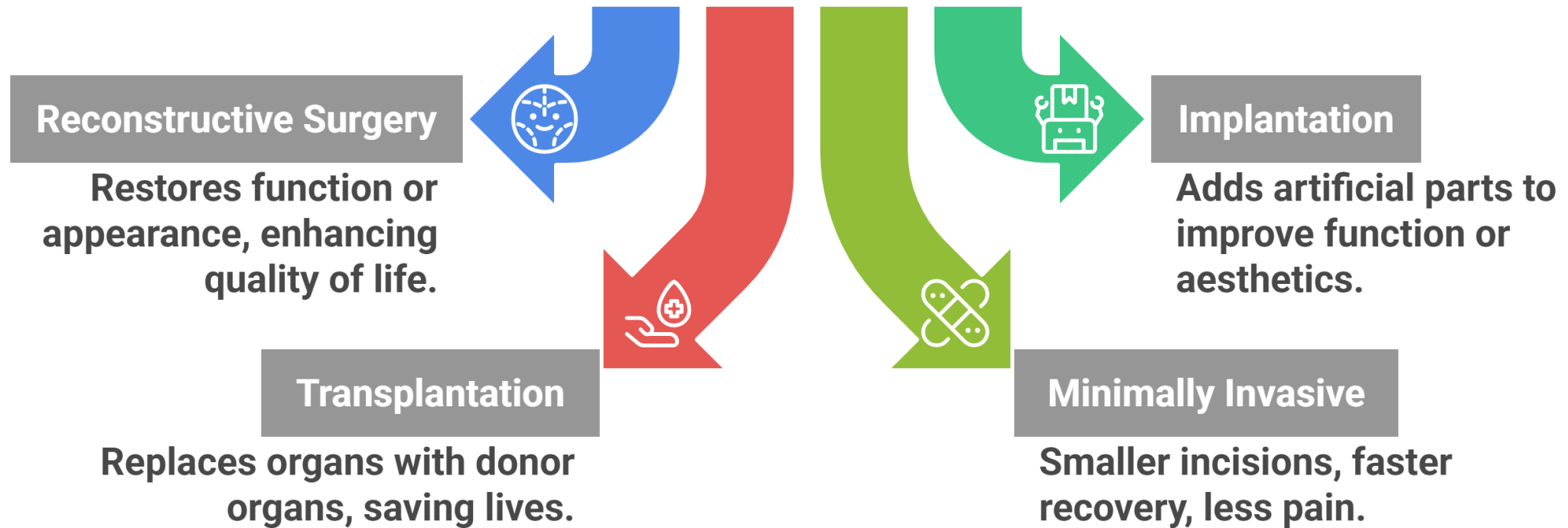


Ideate — Procedure Timing & Purpose



Ideate — Reconstructive & Minimally Invasive

Which surgical approach should be used?



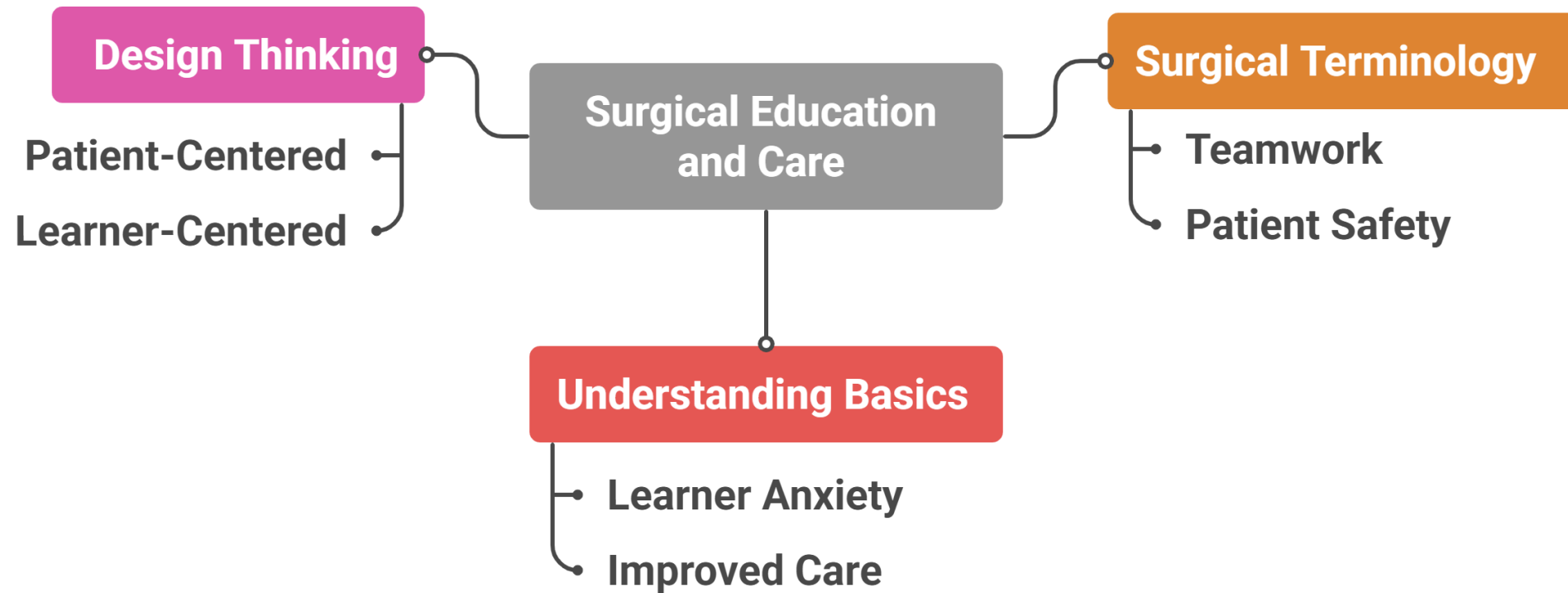
Prototype — Applying the Terms

Example in theater:

- Surgeon asks for a “midline laparotomy” — the team knows this means opening the abdomen along the midline using the proper sterile technique.
- Good surgical communication prevents errors and supports learning.



Summary



References

- www.ncbi.nlm.nih.gov/books/NBK541018/
- teachmesurgery.com
- healthline.com/health/surgery
- www.sciencedirect.com/topics/medicine-and-dentistry/surgery