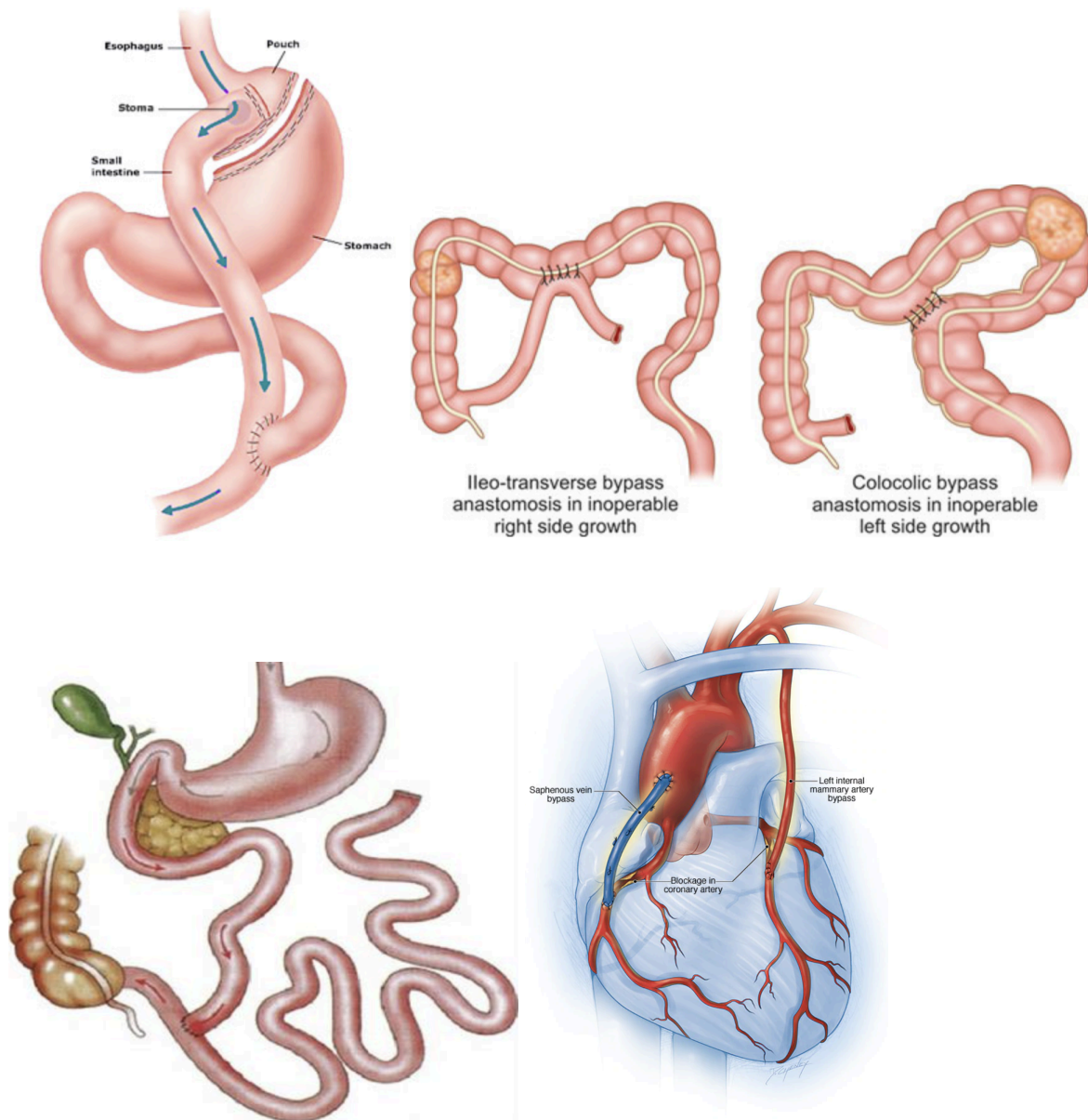


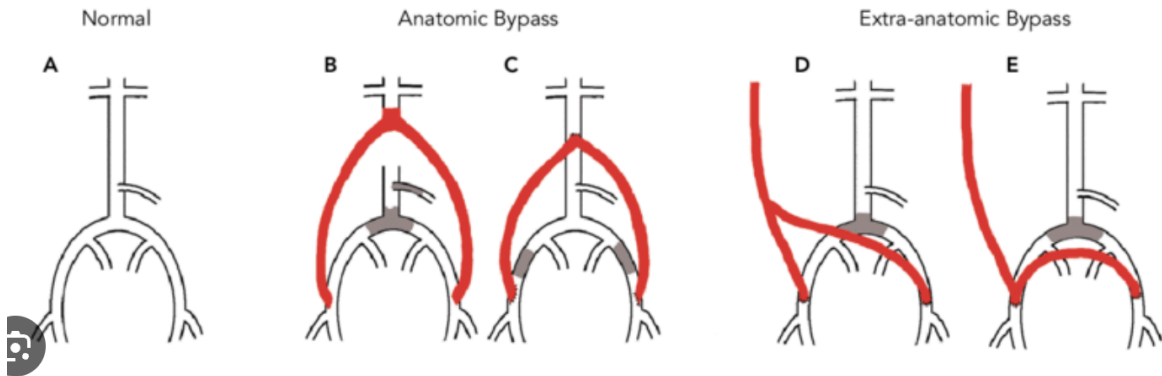
Proposal for definition and examples for Construction of bypass, Construction of shunt and high-level subtypes.

1. BYPASS

a. SCT definition for new concept 1297063007 | Construction of bypass (procedure)|

i. Surgical procedure to construct a channel carrying fluid around a part of a structure and back to the mainstream.

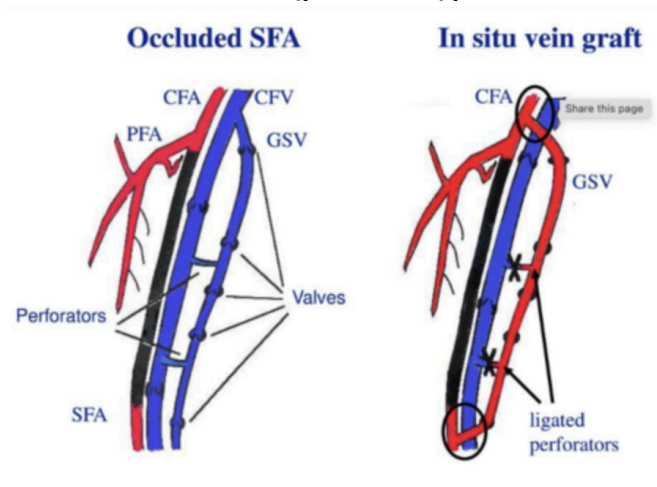


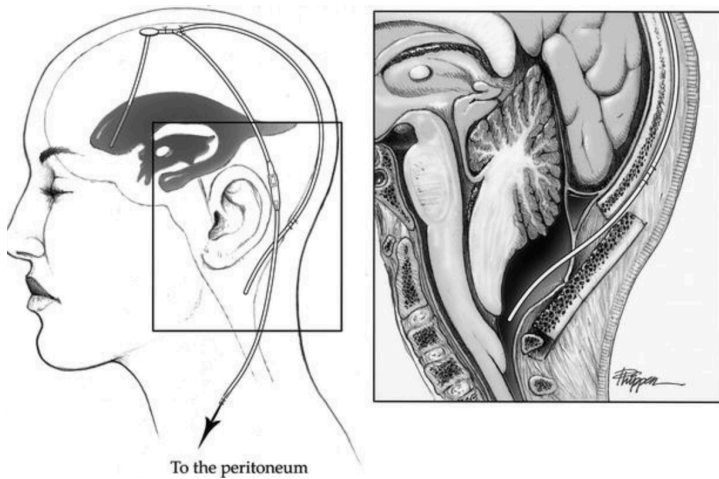
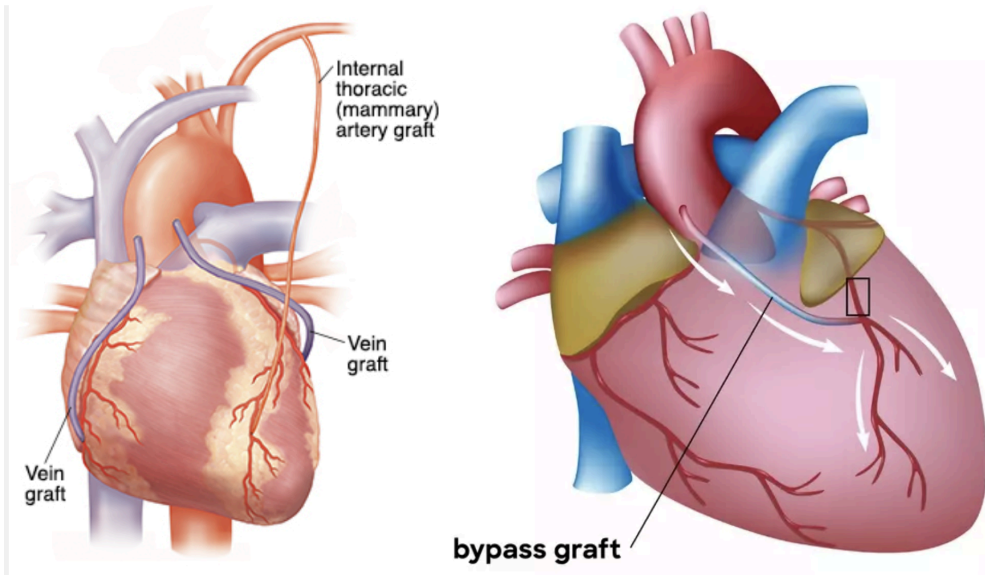


2. CONSTRUCTION OF BYPASS USING GRAFT (Bypass graft).

a. Proposal for definition and remodeling for 48537004 | Bypass graft (procedure)

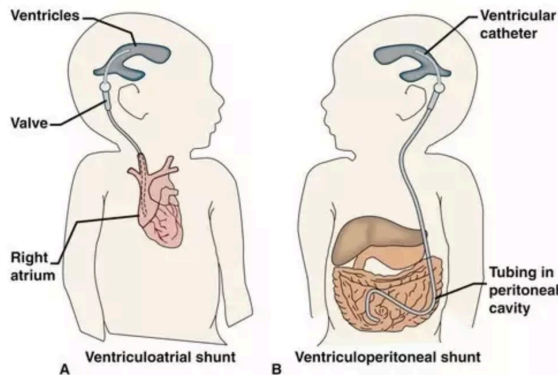
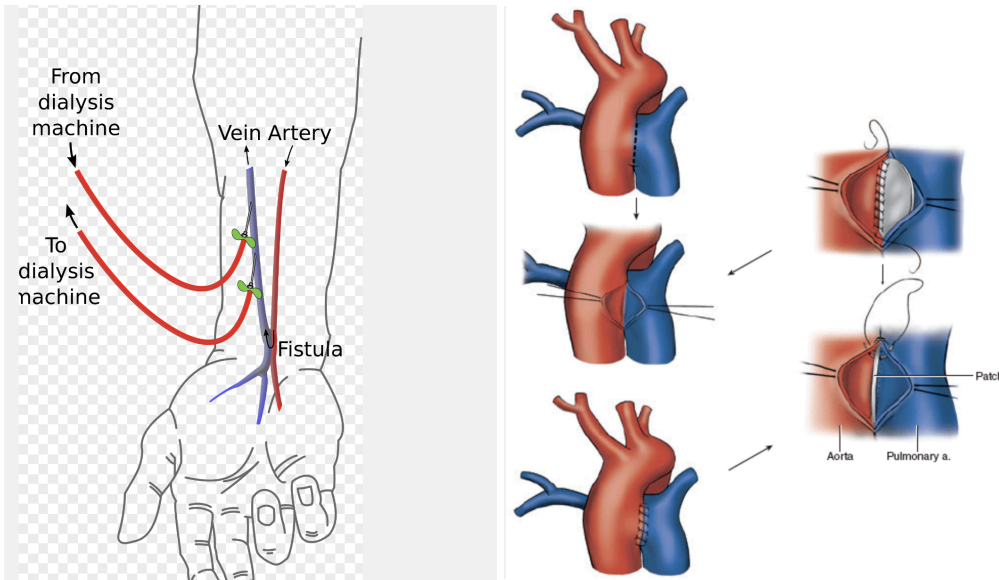
- i. Definition in SCT: Surgical procedure performed for the construction of a channel carrying fluid around a part of a structure and back to the mainstream using a biological or synthetic graft.
- ii. Change to GCI: 48537004 | Construction of bypass using graft (procedure)





3. SHUNT

- a. SCT definition for 88834003 | Construction of shunt (procedure)
 - i. Surgical procedure performed for the construction of a hole or passage that allows liquid to move from one structure to another.



4. CONSTRUCTION OF SHUNT USING GRAFT / INTERPOSITION SHUNT.

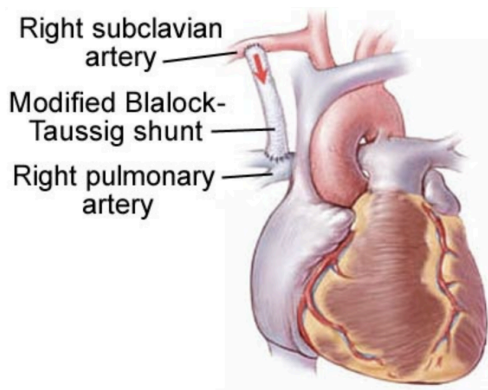
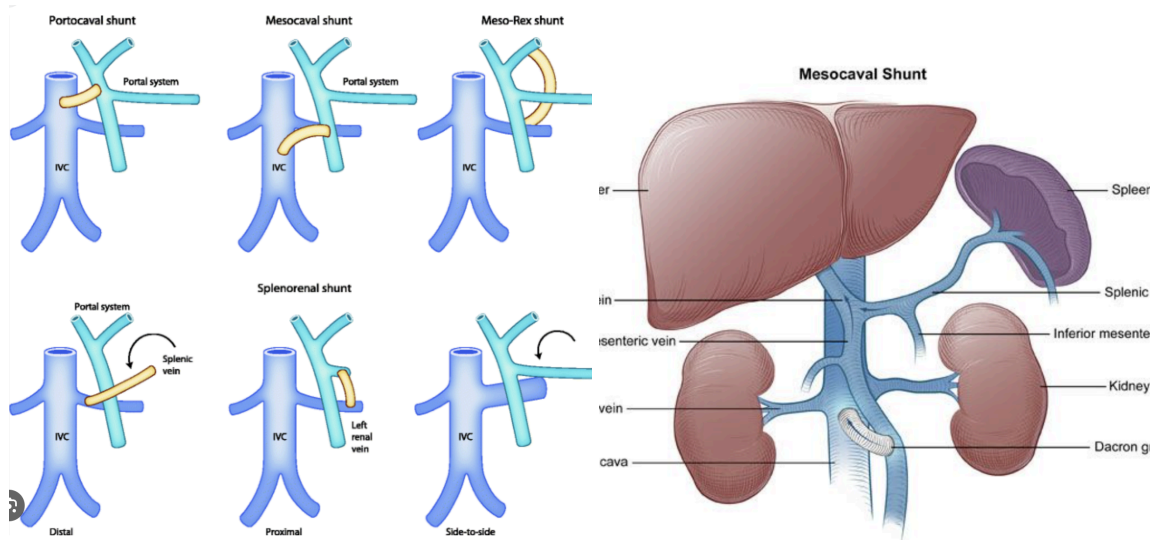
a. SCT definition for 1297111002 | Construction of shunt using graft (procedure) | *new concept*

i. Surgical procedure performed for the construction of a hole or passage that allows liquid to move from one structure to another, using a connecting device.

b. Interposition shunt.

i. SCT definition is the same as for 1297111002 | Construction of shunt using graft (procedure) |

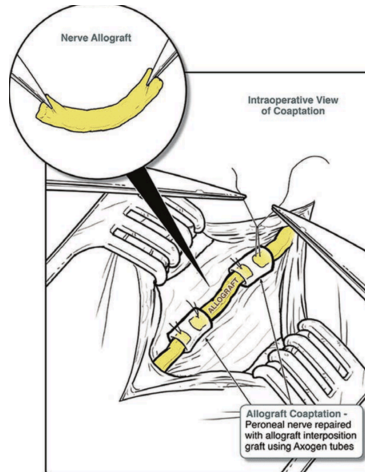
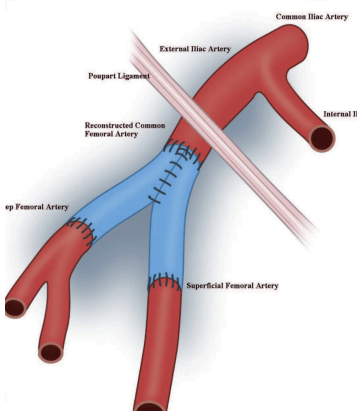
ii. If the term “interposition shunt” is stated in the FSN it will remain in the descriptions.



5. INTERPOSITION GRAFT.

a. SCT definition for Interposition graft

- i. A surgical procedure performed to **repair** a structure with a defect that does not allow tension-free anastomosis using a biological or synthetic graft.
- ii. Should be relocated from Bypass graft hierarchy to a separate hierarchy under Repair procedures.



6. ANASTOMOSIS.

a. SCT definition for Anastomosis (procedure)

- i. A cross-connection between adjacent channels, tubes, fibers, or other parts of a network.
- ii. In SCT: When the intention of the procedure is not related to a planned Bypass or Shunt, procedures should be modeled as anastomosis.

