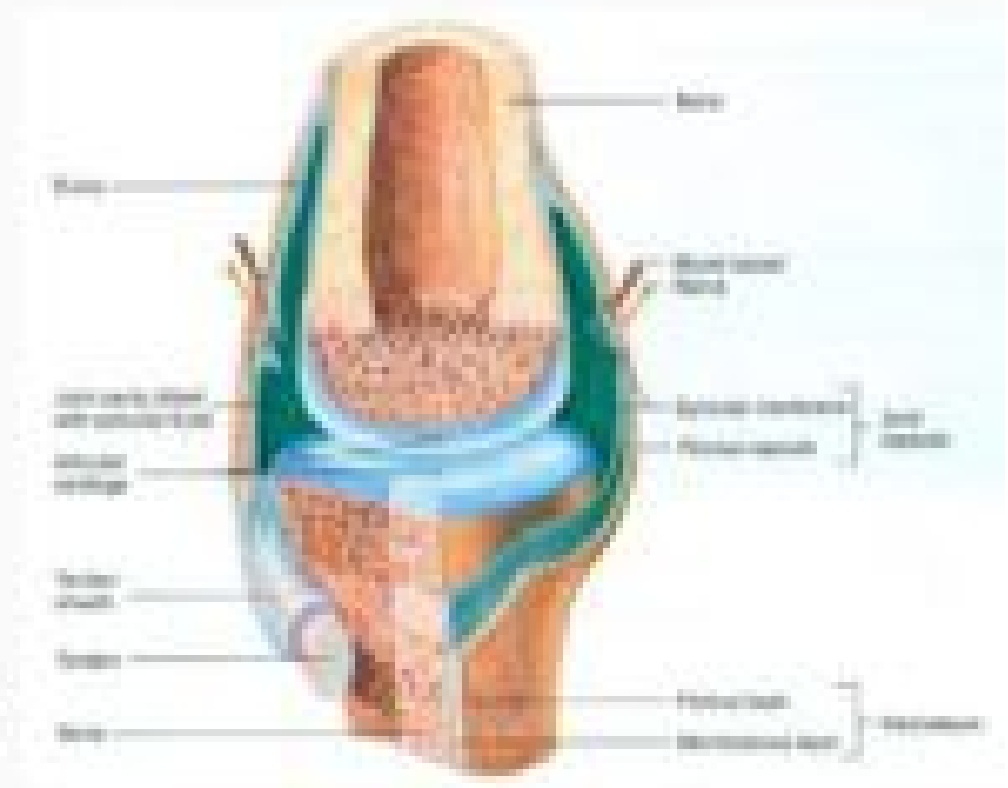
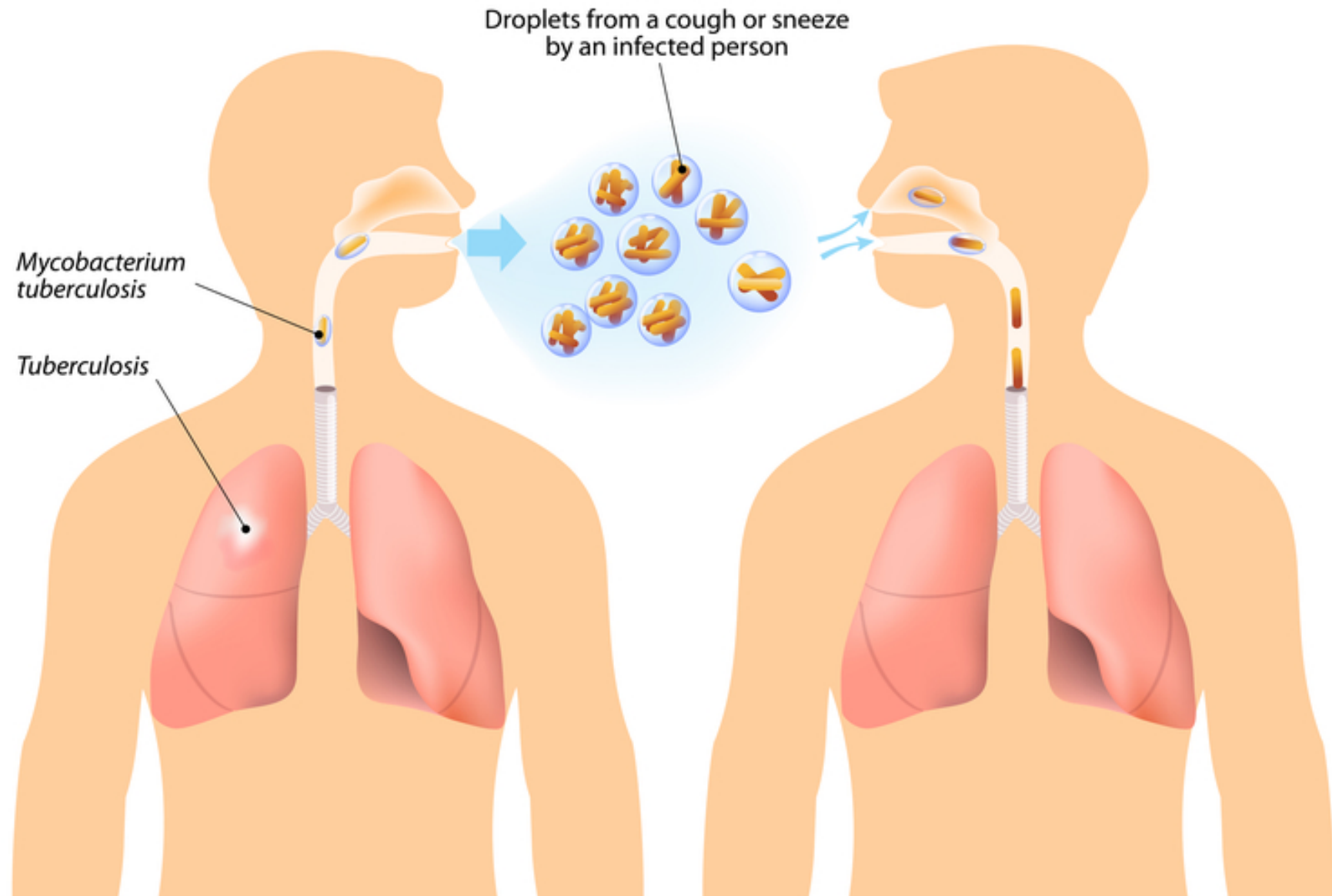


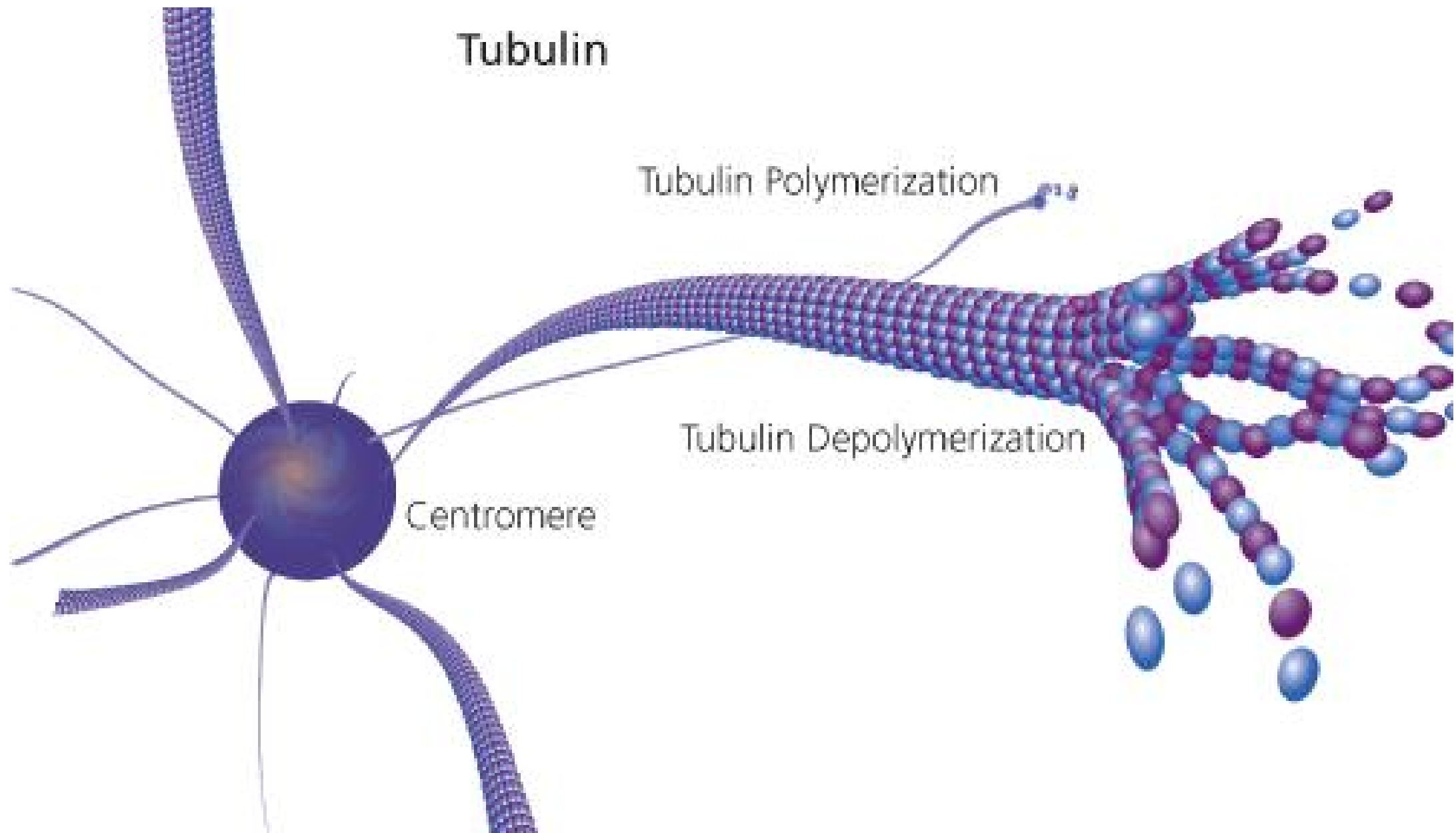
Synovial Fluid

- Viscous fluid found in the cavities of movable joints
- Synovial membrane
 - Inner membrane of synovial joints
 - Secretes synovial fluid into the joint cavity
 - Contain specialized cells (synoviocytes)



TUBERCULOSIS





**Synovial
fluid**

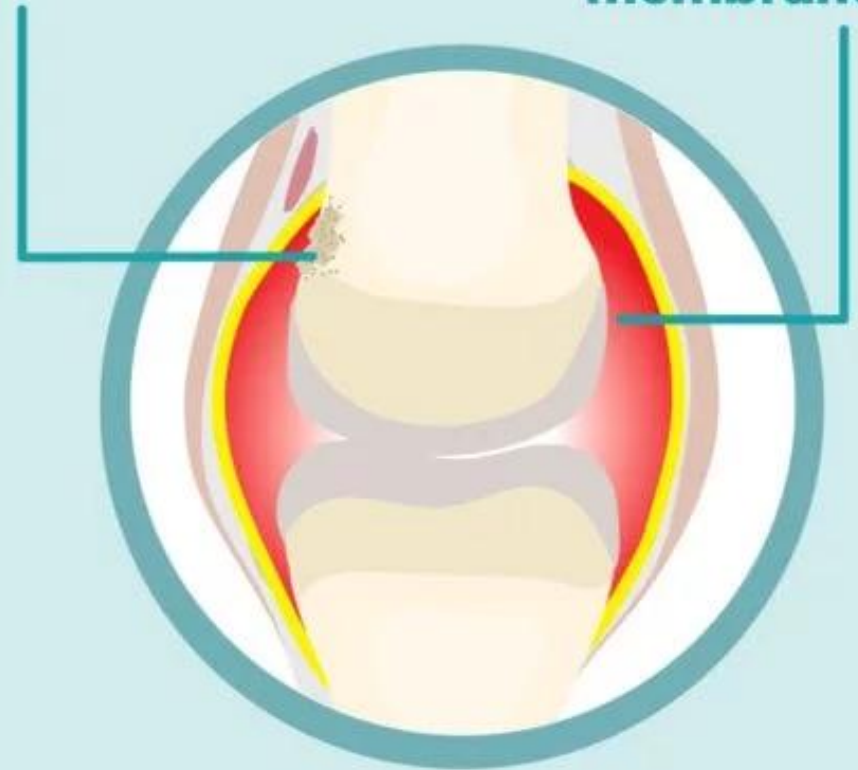
**Synovial
membrane**



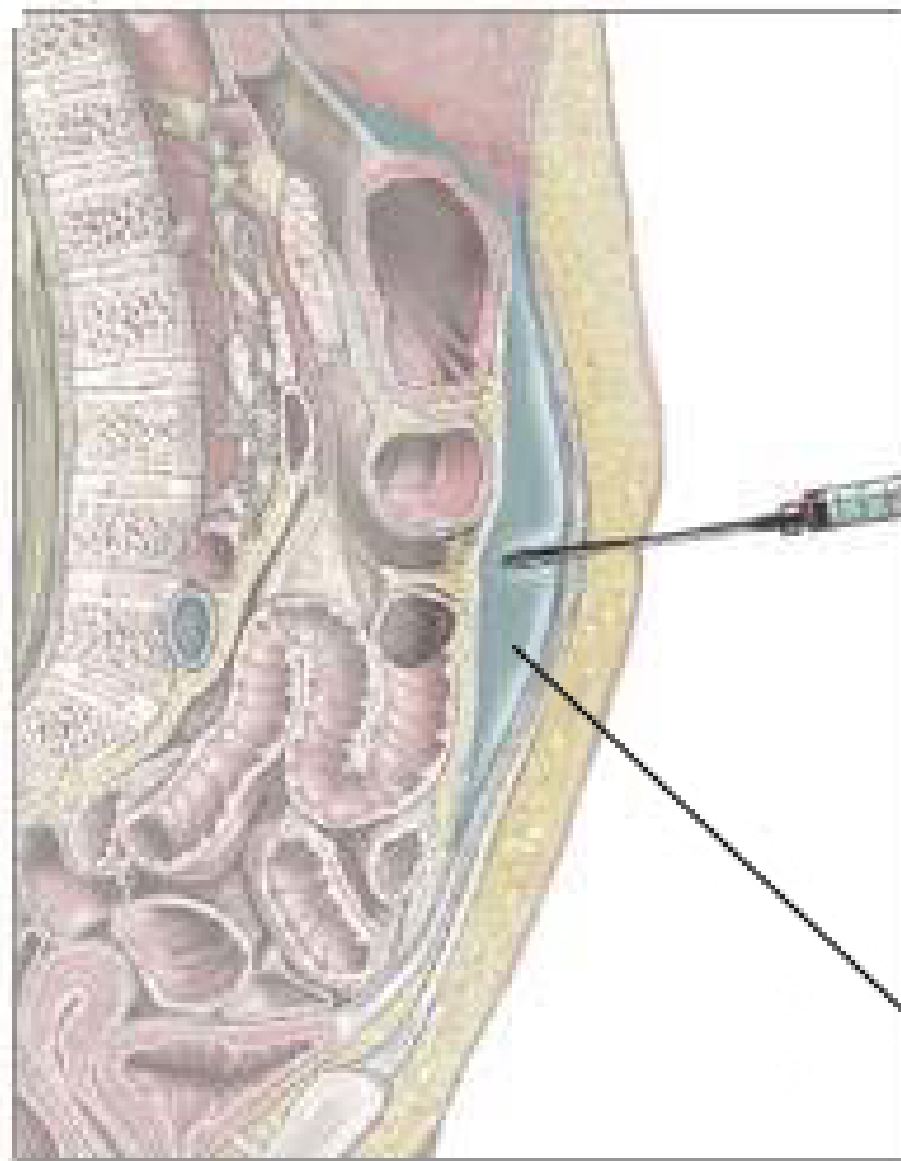
Normal Joint

**Bone
erosion**

**Swollen
inflamed
synovial
membrane**



Synovitis

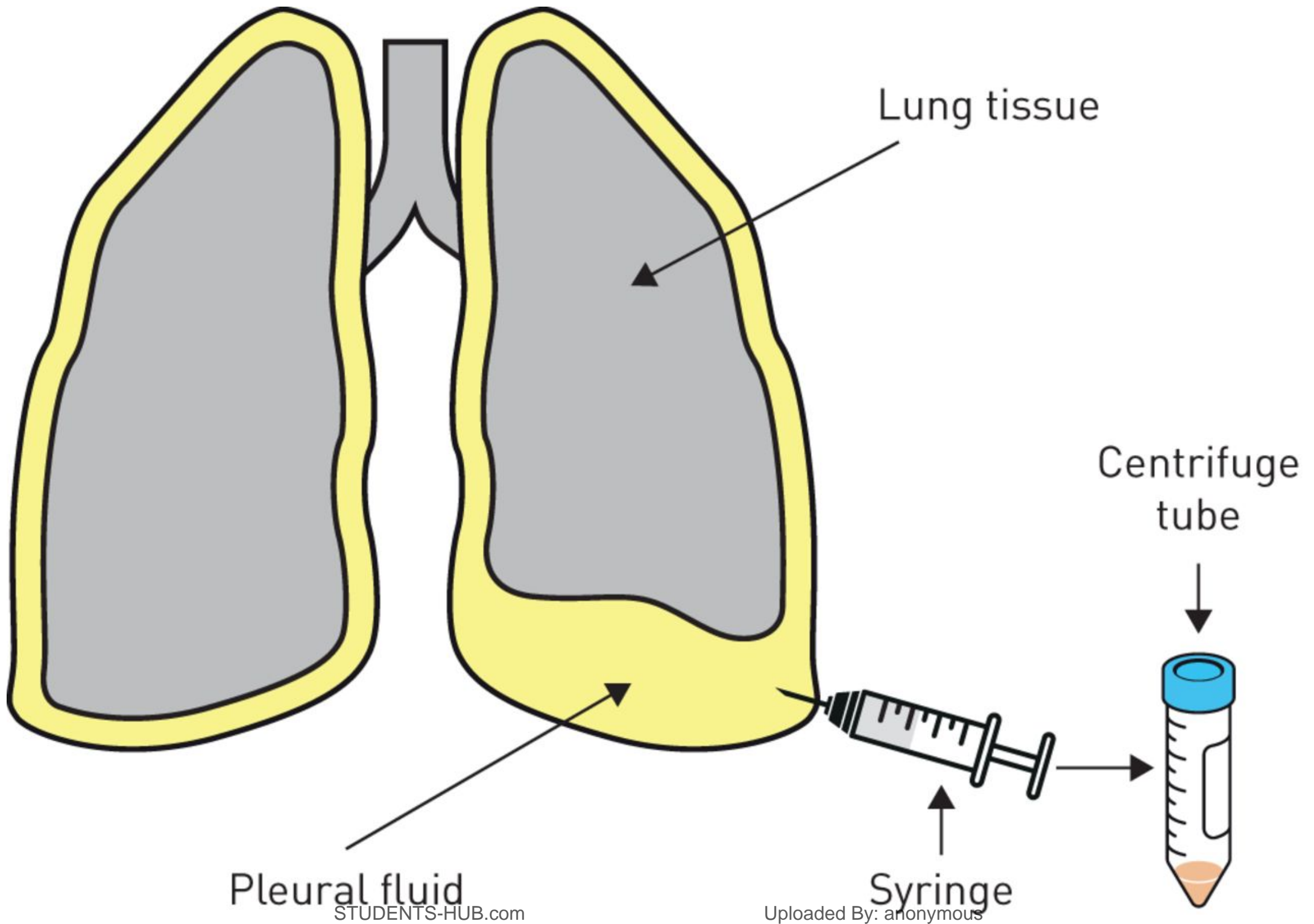


Fluid sample used
to create a culture
for analysis

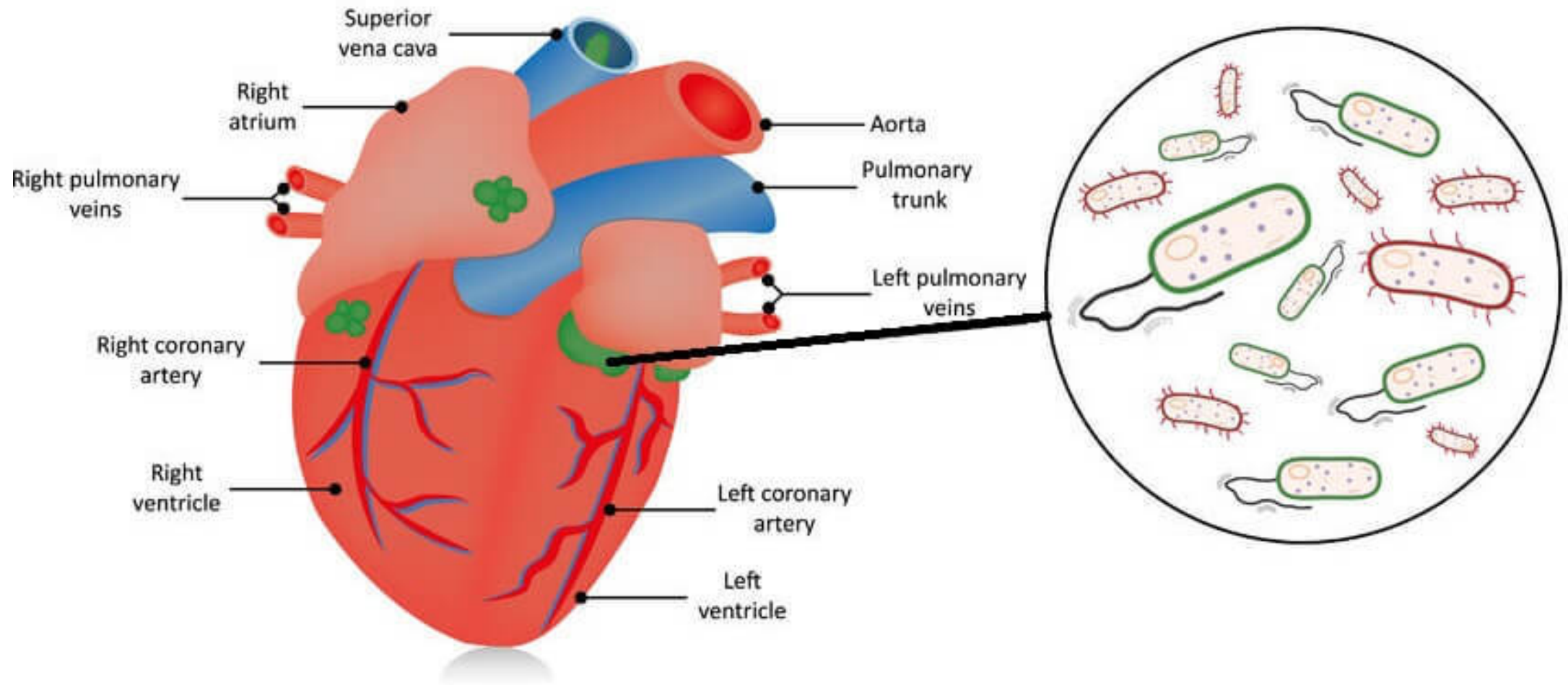


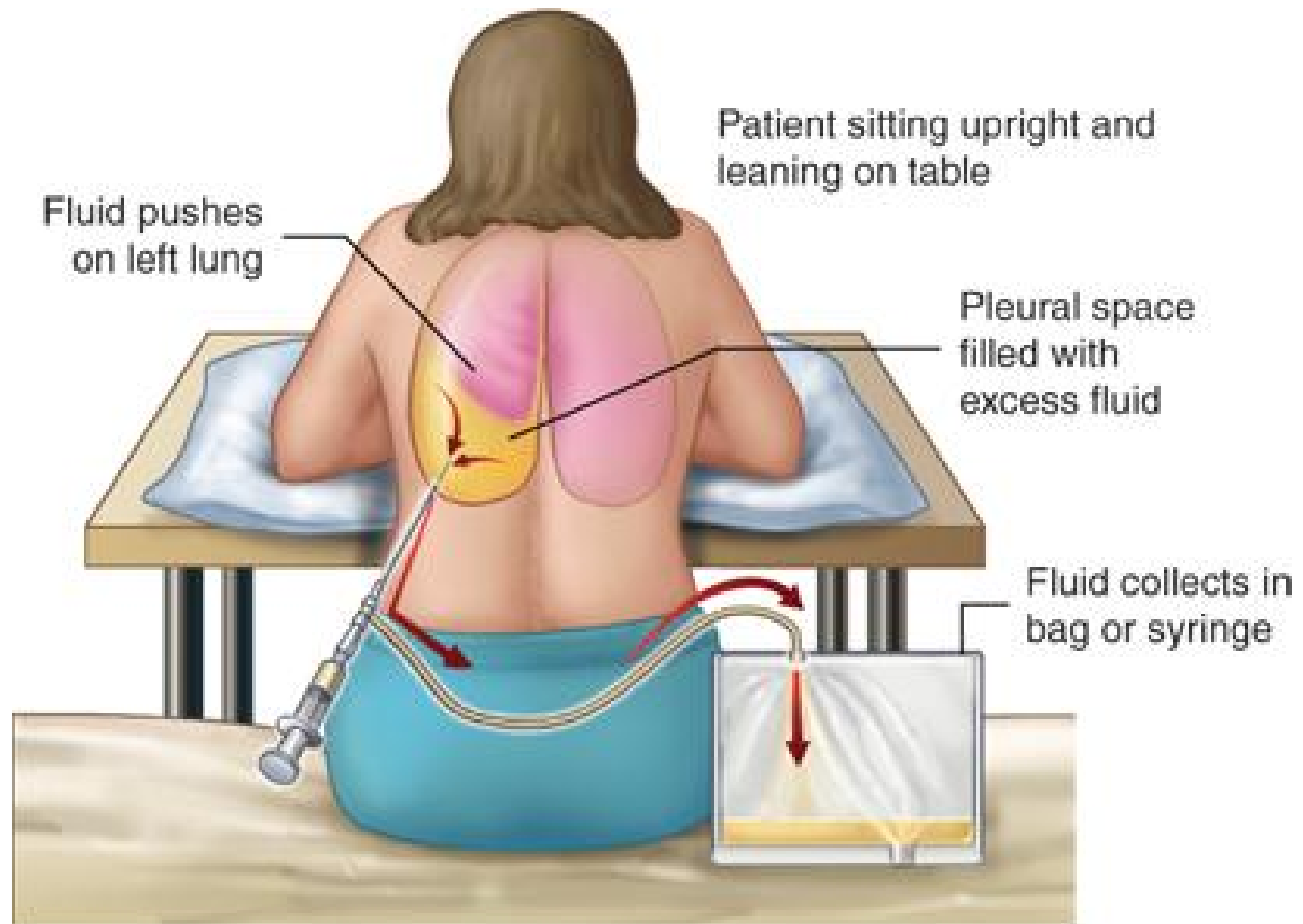
Peritoneal cavity
with fluid

Midsection of abdomen



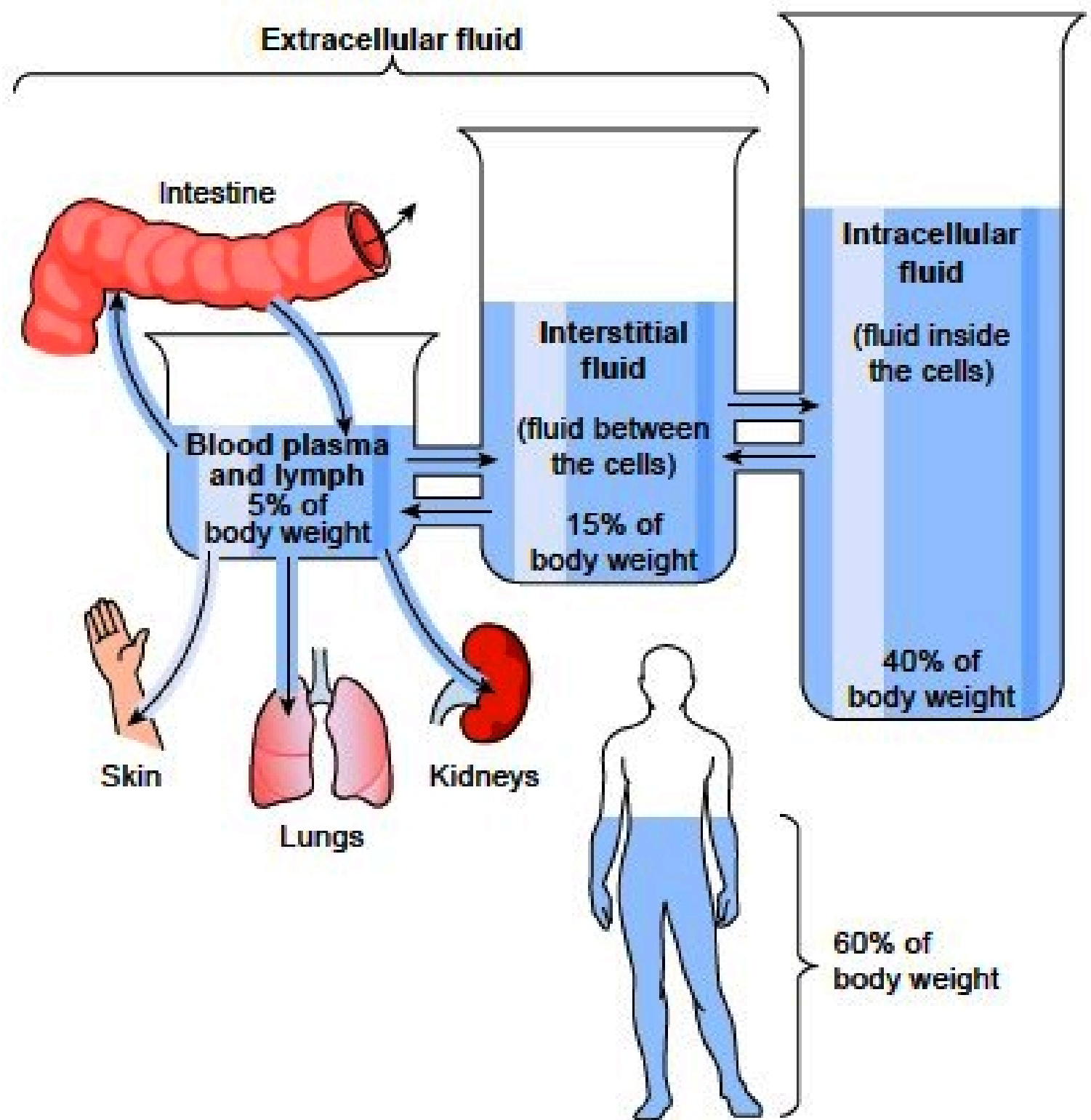
Endocarditis





Source: Andrew J. Lechner, George M. Matuschak, David S. Brink:
Respiratory: An Integrated Approach to Disease
www.accessmedicine.com

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Body fluids

Intracellular

Extracellular

Transcellular

Intravascular

Interstitial

Lymph

Pleural

Peritoneal

Synovial

Pericardial

Cerebrospinal

Intraocular

Urinary lumen

G.I. lumen

Ototoxic drugs

- Aminoglycosides
- Diuretics
- Antimalarials
- Anticancer drugs
- Analgesics
- Miscellaneous



How can an Audiologist improve **YOUR** quality of Life?

✓ Medication



✓ Hearing Aid

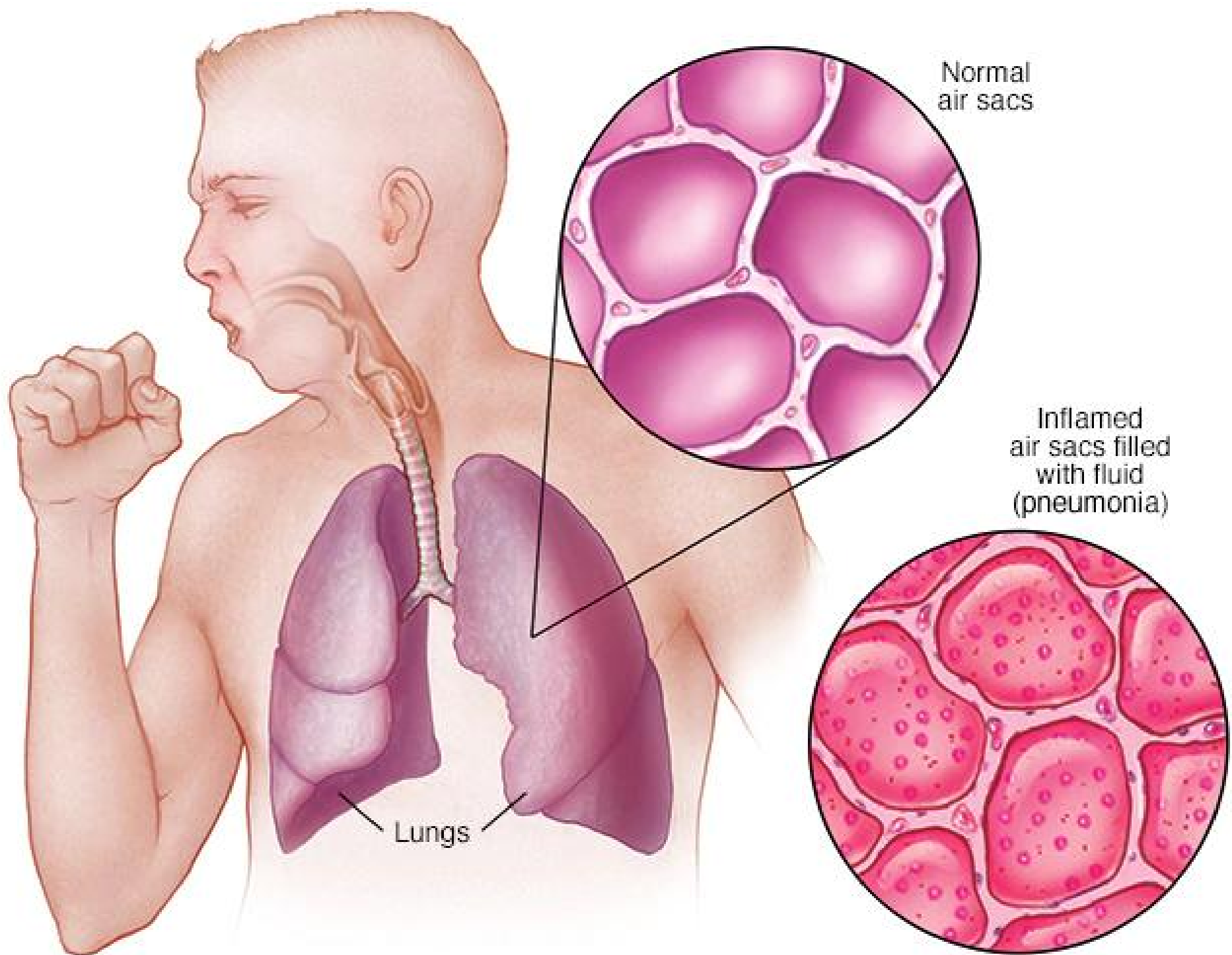


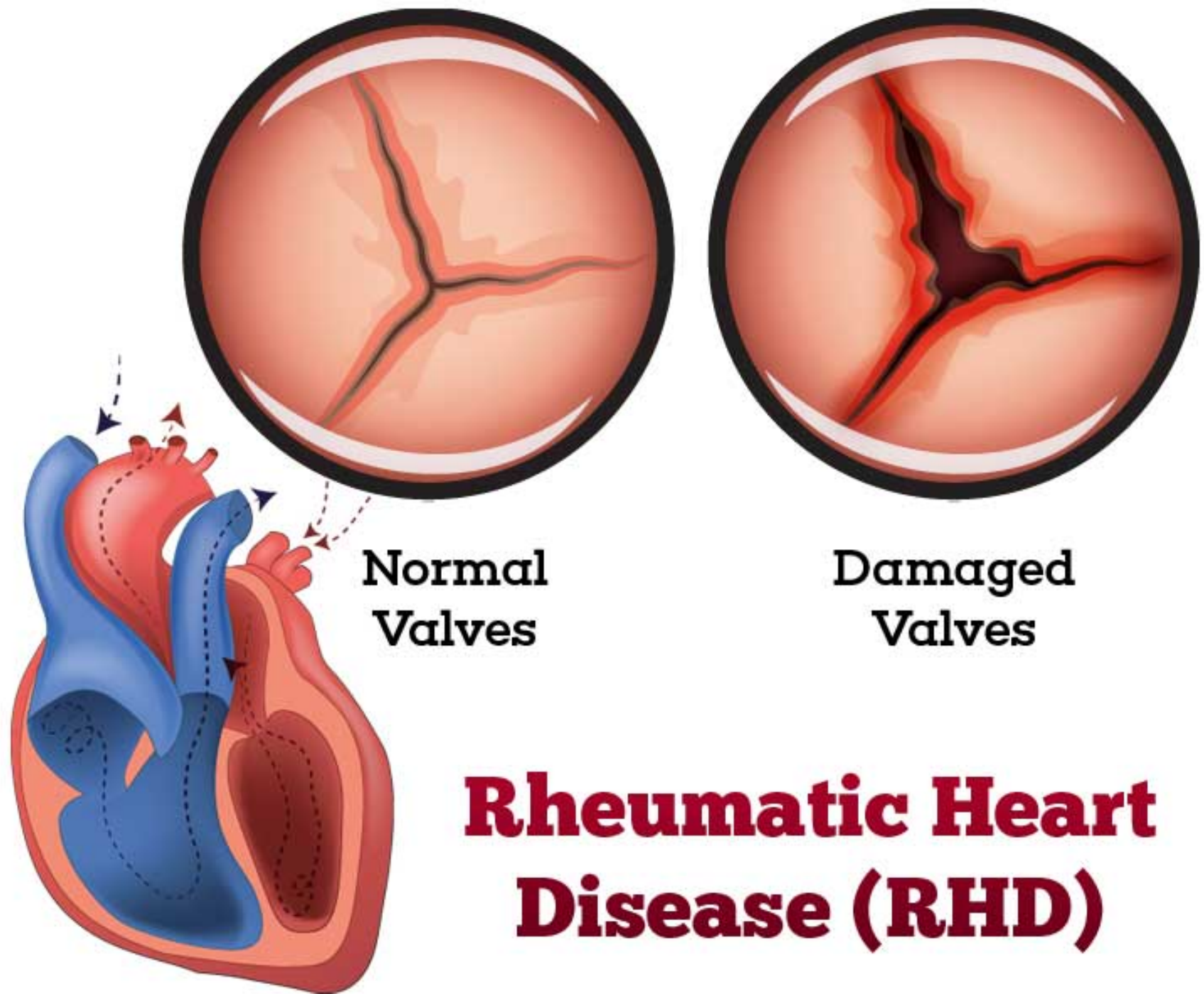
✓ Advanced cochlear implant technology

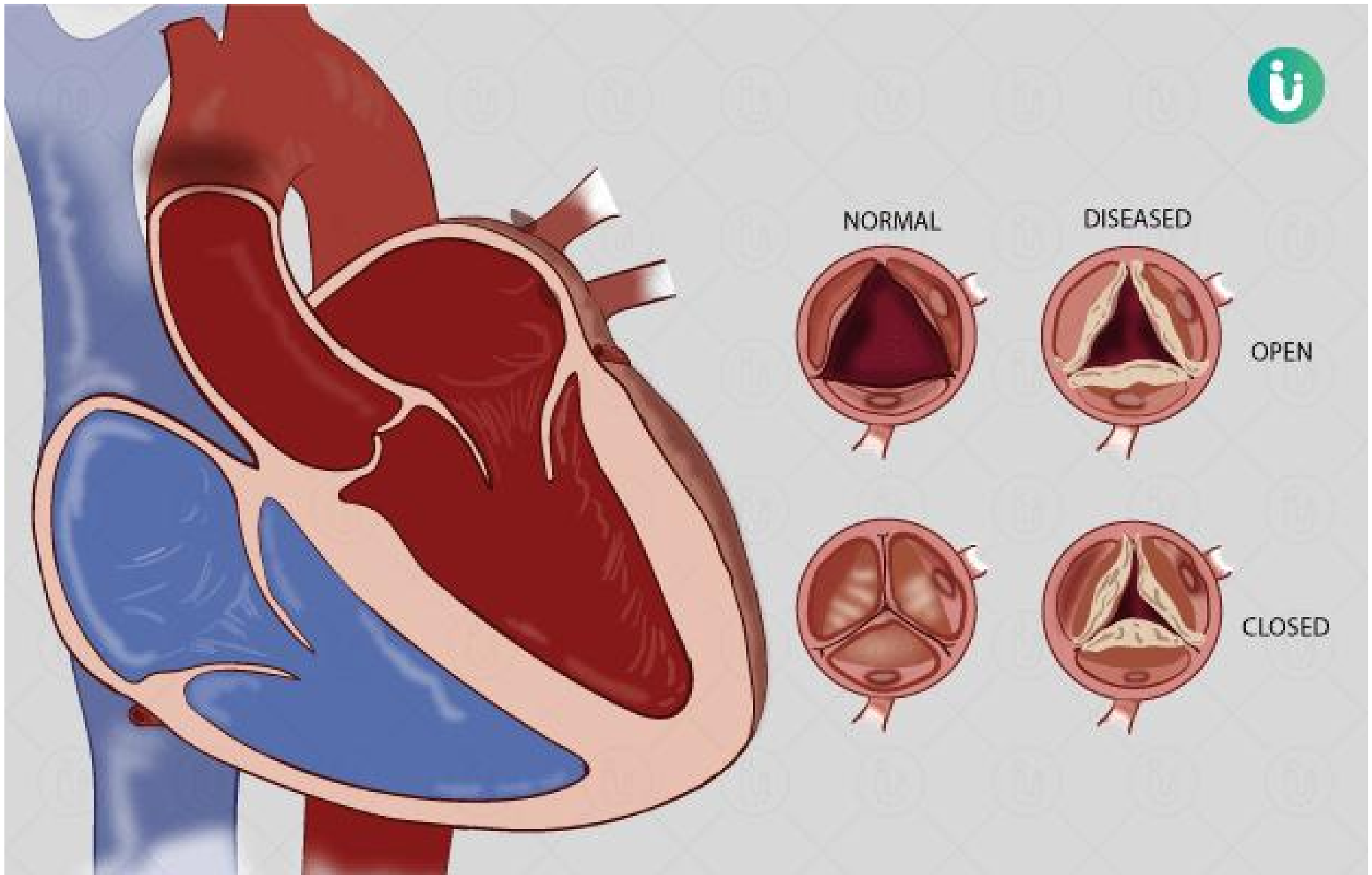


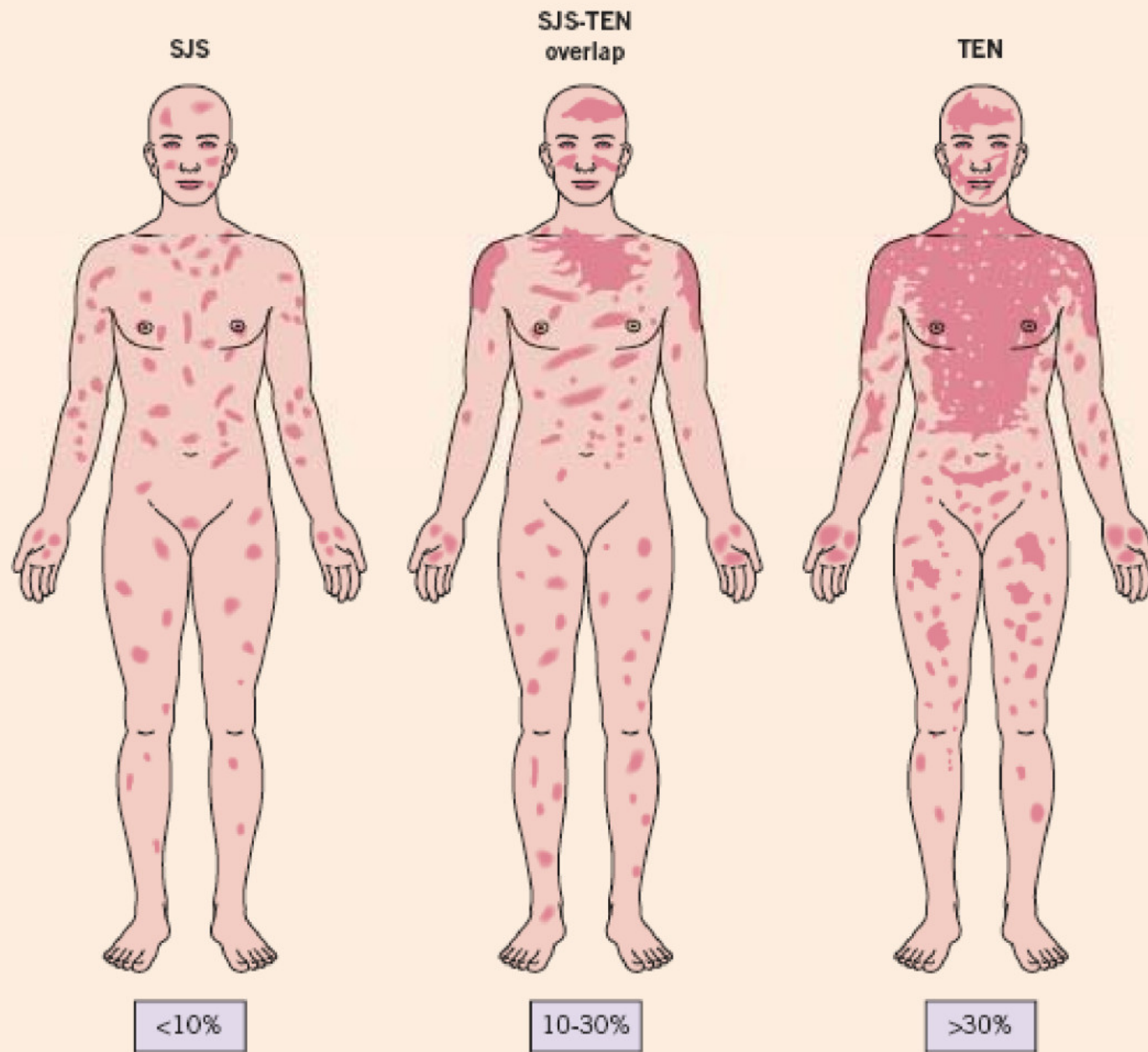
✓ Rehabilitation











Streptococcus



Gram positive cocci in chains, catalase negative

