

# Polycythemia

**+EPO**

**∅EPO**



Rule out Hemocentration

## Appropriate

## Inappropriate

↓ PaO<sub>2</sub>

- COPD
- OSA
- OHS

↓ % Sat

- Smoking
- ↳ Chronic CO Toxicity

↓ Renal Delivery

- ↑ Affinity HgB
- VHL

Exogenous EPO

- Performance Enhancement

Ectopic EPO

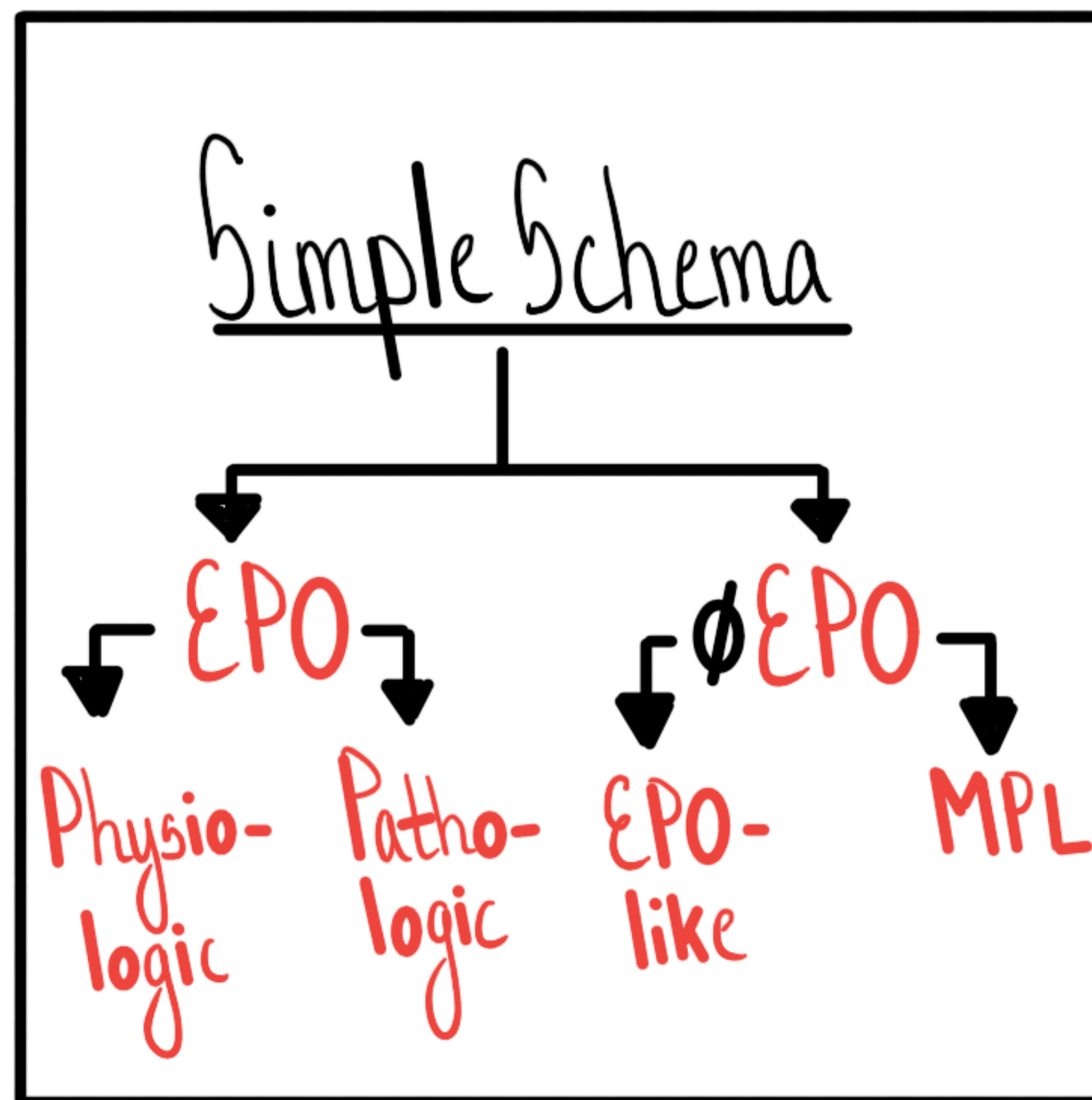
- HCC
- RCC
- Hemangioblastoma
- Fibroid

## Epo-like

- Androgen
- Cobalt

## Myeloprolif

EPO+ in 10%  
See separate schema



- Epi
- ① Smoking
  - ② OSA
  - ③ COPD