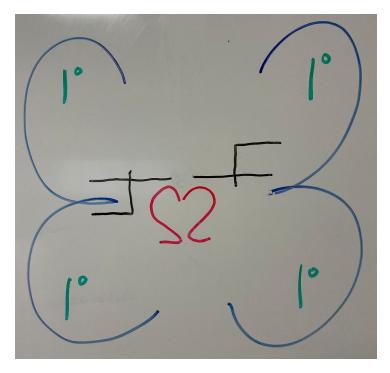
# Pulmonary Hypertension (thank you Triple Threat for the graphics!)



**Group 1:** Primary Arterial Hypertension

Group 2: Pulmonary hypertension due to left heart disease

**Group 3:** Pulmonary hypertension due to chronic hypoxemic lung disease (COPD, OSA, etc)

**Group 4:** Pulmonary hypertension due to embolic disease (CTEPH)

**Group 5:** Pulmonary hypertension with unclear and/or multifactorial mechanisms (sickle cell fits here)

Pulmonary Hypertension mPAP >= 20 mmHg (Old mPAP >= 25 mmHg)

# Pre-Capillary

PVR >= 3 wood units PCWP =< 15 mmHg PADP-PCWP > 7 mmHg

### Group 1

Right heart catheterization Medication review Labs: HIV, CBC, CMP, +/- CTD eval, +/- genetic eval

> CT Chest PFTs vsomnograpi

Group 4
V-Q Scan
CT Angiography chest
Pulmonary angiography

# Mixed

PVR >= 3 wood units PCWP > 15 mmHg PADP-PCWP > 5 mmHg Isolated Post-Capillary

PVR < 3 wood units PCWP > 15 mmHg PADP-PCWP < 5 mmHg

## Group 2

Echocardiography
Right heart catheterization
Left heart catheterization
Systemic blood pressure

# **Diagnostic Evaluation**