

ISCHEMIC / VENO-OCCCLUSIVE

NON-ISCHEMIC / ARTERIAL

Frequency	95%	5%
Rigidity/Pain	Rigid and painful penis	Painless incomplete erection
Flow	Low/no arterial cavernous flow	Arterial cavernous flow dysregulation
Etiology	Idiop/sickle cell/drugs	Trauma/injections/surgery
DE	Frequent erectile dysfunction Compartment syndrome	Rare
Emergency	Yes	No
Blood	Acidosis (pH~7.25, pCO2~60, pO2~30)	Arterial blood (pH~7.4, pCO2~40, pO2~90)

EMERGENCY

A) Aspiration +/- saline irrigation

- 16-18 G needle, lateral or glans access Dark blood--->oxygenated blood (bright red)

Success up to 30%

B) Intracavernous injection alpha adrenergic drugs

CHOICE: **PHENYLEPHRINE** (α selec)

100-500 mcg/mL-1ml/5min(max 1mg/hour)

1% VIAL: 1 ML IS DILUTED WITH 9 ML OF

SALINE:100mcg

++ Blood pressure and frequency measurement before and after each injection and every 15min

Success > 80% with previous

SECOND LINE: SHUNTS

First line treatment failure for 1 hour

*CC communication with glans/CS/vein (distal---proximal)

DEFERRED

EMBOLIZATION

Treatment

Images: Tratado Urología AEU, courtesy Manuel Alonso Isa

