

LOCAL ANESTHETICS

Lidocaine epinephrine
 Short Acting Local Anesthetic
 Long Acting Local Anesthetic

CHEMICAL TOURNIQUET
ANESTHESIA
ANESTHESIA ANALGESIA

CHEMICAL TOURNIQUET

30 minutes before surgery on surgical area

1 Lidocaine 10 mg.ml⁻¹ + Epinephrine 1/200 000
 Maximum dose 7 mg.kg⁻¹



Photo : Theo Baulig



2 Bicarbonate 8.4%
 Stamp the solution
 Make injection comfortable

1

2

SAFETY

Monitoring: ECG – BP – SaO₂
 Echogenic needle – US guidance
 Incremental injection with aspiration



vers les videos

Contraindications

- Circle technique
- Intra sheath injection
- Local infection
- Peripheral vascular disease: Raynaud, Buerger...

ANTIDOTES

Local ischemia: Phentolamine
 1-2 mg in 1-5 mL saline

LAST: Lipid emulsion 20%
 Bolus 1.5 mg/kg over 2-3 min
 Infuse 0.25 mL/kg/min
 Once stable, OBSERVE 6 hrs

*Wherever
 epinephrine has
 been injected*

*Bolus
 Continuous*