

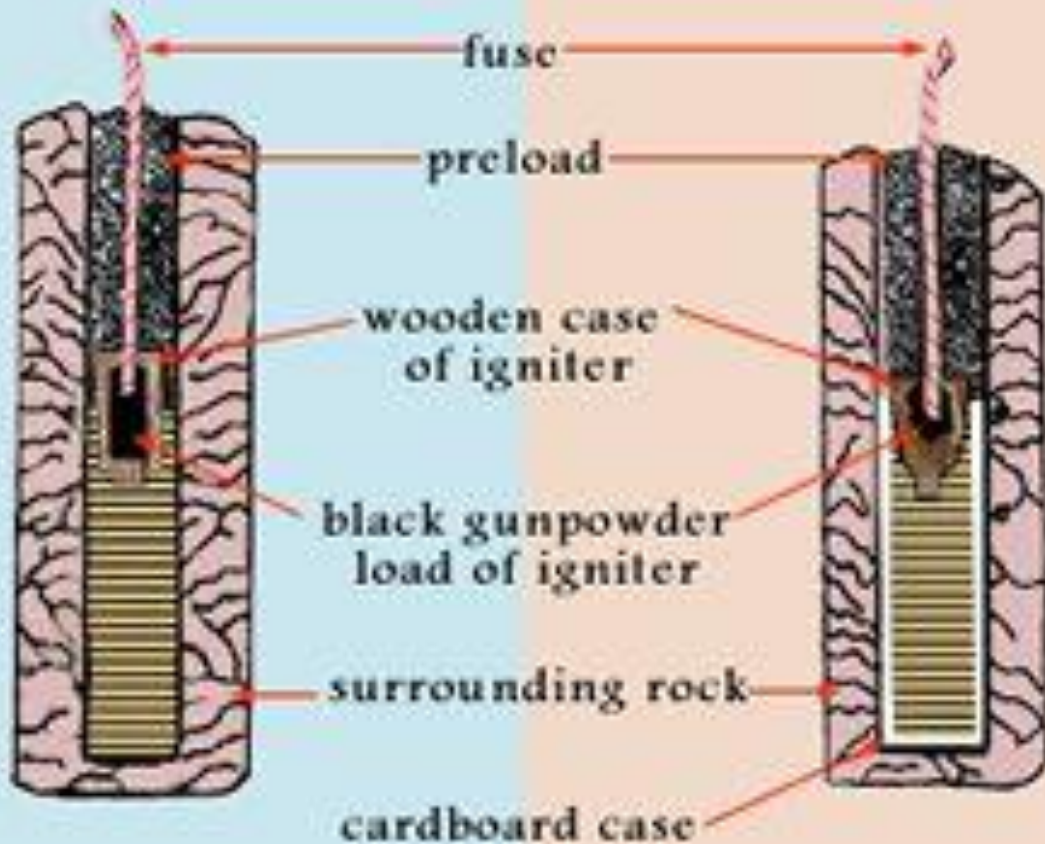
# **Nitroglycerin Drip for Aeromed**

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1. Early type

(introduced drilling hole  
with nitroglycerine)



2. Later type

(Cartridge of nitro-  
glycerine with igniter)

***OOPS... Forgot What We Were Talking About***

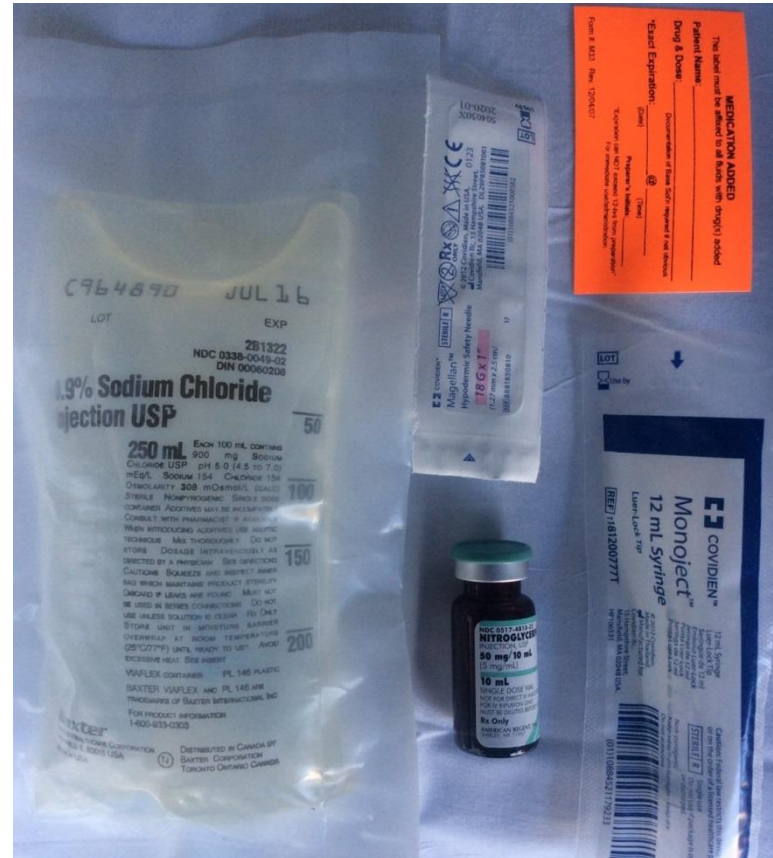
# Nitro Use/Indications

- Acute treatment of angina pectoris (Cardiac chest pain)
- Adjunct treatment of CHF
- Adjunct treatment of Acute MI
- Severe HTN or HTN Emergencies (*could be a third line drug in HTN Aortic Emergencies not responding to traditional treatments*)

# Nitro drip

## What you will need

1. Nitroglycerin 50 mg in 10 ml vial from tackle box
2. 0.9 NACL 250 ml bag from scene bag



# TGH Policy

- Standard TGH Premix: 50 mg in 250 ml D5W in glass.
  - We don't carry that large glass bottle
    - Can be mixed and used in bags for short periods.
    - 80% of drug leaches into plastic bag with long term use
  - Nitro can be mixed in 0.9 NACL
- Starting Dose Range: 0.25-0.5 mcg/kg/min or 5-10 mcg/min
- Relative **Max** Dose: 2 mcg/kg/min or 200 mcg/min
  - We are Aeromed (The most knowledgeable Flight Crews Ever), we use mcg/kg/min if drug dosing allows!!!!

# Medication Infusion Book Card

**NITROGLYCERIN**  
(Tridil®)

**Dosing:**

Usual Starting Range: 0.25-0.5 mcg/kg/min  
or 5-10 mcg/min

Increase by 0.25 mcg/kg/min q 3-5 min  
until desired MAP, SBP

Relative **Max** Dose: 2 mg/kg/min  
or 200 mcg/min

**Uses:** MI, Pulmonary  
HTN, CHF, Angina,  
HTN

**Class:** Vasodilator

**Effects:** ↓ SVR,  
↓ coronary & venous  
return, ↓ MAP

**TGH Concentration**

STD: 50 mg/250 mL (0.2 mg/mL) in D5W in glass  
DBL: 100 mg/250 mL (0.4 mg/mL) in D5W in glass

Effective July 2009

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# How to Mix

1. Withdraw 10 ml fluid from 0.9% NACL bag and waste
2. Draw up 10 ml's of Nitroglycerin 50 mg from 10 ml vial
3. Mix 50 mg Nitroglycerin in 240 ml 0.9% NACL bag and agitate making 50 mg in 250 ml mix.
  - Remember its Nitroglycerin (shaking vigorously may cause explosions- seriously you actually thought about that didn't ya)
4. Label bag appropriately with orange sticker

