

**National ESMOE guidelines  
for district and regional hospitals**



**Drugs required for anaesthesia for Caesarean Section**

	<b>Drug</b>	<b>How to dilute</b>	<b>Concentration</b>	<b>Dose</b>	<b>Dose for 70kg pt</b>	
<b>Drawn up for EVERY case</b>	<b>Ephedrine</b> or	50mg diluted to 10ml	5mg/ml	5mg (1ml) bolus every 2-3 minutes		
	<b>Effortil</b> or	10mg diluted to 10ml	1mg/ml	1mg (1ml) bolus every 2-3 minutes		
	<b>Phenylephrine</b>	10mg added to 200ml bag of Normal Saline (Mix thoroughly)	50µg/ml	100µg (2ml) bolus every 1 minute		
	<b>Sodium-thiopentone</b> or	500mg diluted to 20ml	25mg/ml	4mg/kg	280mg (11ml)	
	<b>Propofol</b>	200mg undiluted	10mg/ml	1-2mg/kg	140mg (14mls)	
	<b>Suxamethonium / Succinylcholine</b>	100mg undiluted	50mg/ml	1.5mg/kg	100mg	
	<b>Oxytocin</b> ( <i>only draw up just before foetus is delivered</i> )	5 IU diluted to 5mls	5 IU/ml	2.5 IU given slowly over 1 minute (Later: 20 IU in 1000ml Crystalloid over 6hrs in recovery)		
	<b>Atropine</b>	1mg diluted to 10 ml	0.1mg/ml	10-20µg/kg bolus	0.6 - 1.2mg	
<b>Have ready (not drawn up)</b>	<b>Phenylephrine</b> ( <i>if not drawn as primary agent</i> )	10mg added to 200ml bag of Normal Saline (Mix thoroughly)	50µg/ml	100µg (2ml) bolus every 1 minute		
	<b>Morphine</b>	10mg undiluted	5mg/ml	0.1mg/kg (5-10mg)	5-10mg	
	<b>Adrenaline</b>	1mg added to 200ml bag of Normal Saline (Mix thoroughly)	5µg/ml	Start with 10µg (2ml) bolus, double the dose every minute until response obtained		
	<b>Vecuronium</b> or	4mg mixed with 2ml water	2mg/ml	½ of intubation dose = 0.04 mg/kg	2-4mg	
	<b>Atracurium</b>	undiluted	10mg/ml	½ of intubation dose = 0.25mg/kg	20mg	
	<b>Glycopyrrolate</b>	0.4mg undiluted	0.2mg/ml	5-10µg/kg	0.4mg	
	<b>Neostigmine</b>	2.5mg undiluted	2.5mg/ml	50µg/kg	2.5mg	
<b>Spinal</b>	<b>Bupivacaine 0.5% + Dextrose 8%</b>	undiluted	5mg/ml	1.8ml (very short or obese patient: 1.6ml)		
	<b>Fentanyl</b>	undiluted	50µg/ml	add 0.2ml (10µg)		