Maximum Recommended Local Anaesthetic Doses (Adults)

[Queens Medical Centre Campus]

These are recommended doses. Any doses of local anaesthetic drugs, administered into different areas of the body, contribute to an overall maximum dose for a particular patient. If the maximum recommended dose of one local anaesthetic has been reached no further local anaesthetic should be given. Absorption varies depending on injection site/method of administration, and blood levels may increase in the elderly and unwell patient. Actual maximum dosage may be less than stated above so adjust dose accordingly. Beware of the risks, clinical signs and management of Local Anaesthetic Systemic Toxicity (LAST). Further information can be found in the Clinical Guidelines Page http://www.nuh.nhs.uk/healthcare-professionals/clinical-guidelines/

Drug	Concentration (mg/ml)	num e kg)	Maximum volume (ml)								
		Maxim dos (mg/l	35 kg	40 kg	45 kg	50 kg	60 kg	70 kg	80 kg	90 kg	100 kg
(Levo) Bu pivacaine 0.25%	2.5 mg/ml	2 mg/kg	28	32	36	40	48	56	60ml (150mg)		
(Levo) Bu pivacaine 0.5%	5 mg/ml		14	16	18	20	24	28	30ml (150mg)		
(Levo) Bu pivacaine 0.75%	7.5 mg/ml		9.3	10.6	12	13	16	18	20ml (150mg)		
Bu pivacaine 0.25% with Adrenaline (1:200000)	2.5 mg/ml	:/kg	28	32	36	40	48	56	60ml (150mg)		
Bu pivacaine 0.5% with Adrenaline (1:200000)	5 mg/ml	2 m§	14	16	18	20	24	28	30ml (150mg)		mg)
Ropivacaine 0.2%	2 mg/ml	3 mg/kg	52.5	60	67.5	75	06	105	120	135	150
Ropivacaine 0.75%	7.5 mg/ml		14	16	18	20	24	28	32	36	40
Ro pivacaine 1%	10 mg/ml		10.5	12	13.5	15	18	21	24	27	30

or via the NUH Guidelines App.

Yellow Local Anaesthetic Systemic Toxicity Management Boxes can be found in the following locations on the QMC Campus:

• EENT (Eye, Ear, Nose and

Throat) Theatre Recovery

- Main Theatre Recovery
- Main Theatre 19
- Obstetric Theatre

Recovery

• A-Floor Theatres (Cardiac

Arrest Trolley)

- D34
- D35
- PICU
- E14 (Treatment Room)
- Radiology (Cardiac Arrest Trolley)

Maximum Recommended Local Anaesthetic Doses (Adults)

Nottingham University Hospitals NHS Trust

[Queens Medical Centre Campus]

These are recommended doses. Any doses of local anaesthetic drugs, administered into different areas of the body, contribute to an overall maximum dose for a particular patient. If the maximum recommended dose of one local anaesthetic has been reached no further local anaesthetic should be given. Absorption varies depending on injection site/method of administration, and blood levels may increase in the elderly and unwell patient. Actual maximum dosage may be less than stated above so adjust dose accordingly. Beware of the risks, clinical signs and management of Local Anaesthetic Systemic Toxicity (LAST). Further information can be found in the Clinical Guidelines Page http://www.nuh.nhs.uk/healthcare-professionals/clinical-guidelines/

Drug	Concentration (mg/ml)	um (/kg)	Maximum volume (ml)								
		Maximı dose (mg	35 kg	40 kg	45 kg	50 kg	60 kg	70 kg	80 kg	90 kg	100 kg
Lidocaine 1%	10 mg/ml	s/kg	10.5	12	13.5	15	18	20ml (200mg)			
Lidocaine 2%	20 mg/ml	3 mg	5.25	9	6.75	7.5	თ	10ml (200mg)			
Li docaine 1% with Adrenaline (1:200000)	10 mg/ml	7 mg/kg	24.5	28	31.5	35	42	49	50ml (500mg)		
Li docaine 2% with Adrenaline (1:200000)	20 mg/ml		12.25	14	15.75	17.5	21	24.5	25ml (500mg)		
Prilocaine 1%	10 mg/ml	6 mg/kg	21	24	27	30	36	40ml (400mg)			

or via the NUH Guidelines App.

Yellow Local Anaesthetic Systemic Toxicity Management Boxes can be found in the following locations on the QMC Campus:

• EENT (Eye, Ear, Nose and

Throat) Theatre Recovery

- Main Theatre Recovery
- Main Theatre 19
- Obstetric Theatre
 Recovery
- A-Floor Theatres (Cardiac Arrest Trolley)
- D34
- D35
- PICU
- E14 (Treatment Room)
- Radiology (Cardiac Arrest Trollev)

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