

Paediatric anaphylaxis/local anaesthetic toxicity

Paediatric Simulation

	Name: P Turner		Observation at start		CRT:	2s	
	D.O.B.	17/11 (age of mannequin used)	RR:		Ventilated	Temp:	36.4
	Address:	(Insert local address)	ETCO2:		Low/normal	BM:	6.3
						Weight for age	
<u> </u>		445 952 5141	Heart Rat			Allergy	NKDA
	Ward:	Orthopaedic theatre Background to scenario	BP:		Stable	ecific set up	
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	Stage 3, 10–15 minutes Recovery							
AB	Intubated and ven	Intubated and ventilated, airway pressures normalised						
С	Cardiovascular par	Cardiovascular parameters normalised						
DE	Anaesthetised with	Anaesthetised with volatile/TIVA						
Rx	Discussion around in Discussion around to	Discussions with MDT around proceeding with surgery – Ankle ORIF, planning for ongoing care Discussion around investigations and ongoing management – allergy testing/MHRA notification Discussion around updating parents Discussion about escalating concerns about obstructive consultant						
	Guidelines							
05, Mc pu As:	Emergency treatment of anaphylaxis https://www.resus.org.uk/sites/default/files/2021-05/Emergency%20Treatment%20of%20Anaphylaxis%20May%202021_0.pdf Management of severe local anaesthetic toxicity https://anaesthetists.org/Home/Resources-publications/Safety-alerts/Anaesthetists QRH handbook Association of Anaesthetists QRH handbook https://anaesthetists.org/Home/Resources-publications/Safety-alerts/Anaesthesia-emergencies/Quick-Reference-Handbook							
<u></u>	Guidance for Patient Role							
	pening lines/questions/ naesthetised		Relevant HPC / PMH					
	oncerns		Actions					
Gu	uidance for ODP role		Guidance for theatre staff/surgeons					
If phic	ompetent, but does no participants do not thin ghlight symptoms/signs cked up or suggest cor	cues/responses/Concerns of anticipate needs ok of alternative diagnoses, of that might not have been orrect diagnosis without letting ong down the 'wrong' path	Conversing/noisy unless critical incident declared Competent in own role If participants do not think of alternative diagnoses, highlight symptoms/signs that might not have been picked up or suggest correct diagnosis without letting scenario progress too long down the 'wrong' path					
Gu	uidance for Role e.g. I	TU/Anaesthetic Senior	Additional challenges					
If p	participants consider a sen to these	diagnosis and act on this Iternative diagnoses, be	Degree of cardiac instability leading to cardiac arrest Parents require update after event					
Se	ssion Objectives							
Cli	inical	Management of local anaesthetic toxicity Management of Anaphylaxis						
No	on-technical skills							
Te	amworking	Coordinating team activities,	exchange of information with team, assertiveness					
Ta	sk management	Planning, prioritising, following	guidelines, identifying and utilising resources					
		0 11 1 1 1 11						

Gathering information, recognising and understanding critical incident

Identifying options and balancing to make decisions, continuous re-evaluation

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Situational awareness

Decision making