

ermia

Critical Incidents

	Name:	M Hall	RR:		Ventilated	CRT:	2s
	D.O.B.	01/09 (53Y)	ETCO2:		6.2	Temp:	37.2
	Address:	(Insert local address)	Sats:		95%	BM:	5.6
		(Heart Ro	te:	125	Weight:	77Kg
Н	lospital ID:	446 862 4511	BP:		140/65	Allergy	NKDA
	Ward:	General surgery					
		Background to scenario				pecific set up	
		going a shoulder arthrosco		Mannequin on theatre table			
elective operation) under general anaesthesia and				Intubated and connected to ventilator			
deve	elops malignant hyperthermia			Cannulated with fluid running Anaesthetic drugs and chart			
				Ande	esinelic arugs a	na Chan	
	Reaui	red embedded faculty/ac	tors		Requ	ired particip	ants
Junior anaesthetist					esthetist		
Surge	eon			ODP,	theatre staff, su	urgeons in M	DT sim
			Past Medic		*		
	•	, otherwise well. Suffers fro		smoker	and drinks occ	asional alco	hol
10 bi	revious and	esthetics. No airway conc	erns				
		Drugs Home				rugs Hospita	
Sertralline					tion drugs		
<i>3</i> avis	scon PRN			Antibi	iotics (as per lo	cal protocol)	
			Brief to pa	rticipant	ts		
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AoA QRH handbook – Malignant hyperthermia, Peri-operative hyperthermia https://anaesthetists.org/Portals/0/PDFs/QRH/QRH 2-8 Perioperative hyperthermia v1.pdf?ver=2018-07-25- 112713-987 https://anaesthetists.org/Portals/0/PDFs/QRH/QRH 2-8 Perioperative hyperthermia v1.pdf?ver=2018-07-25-						
https://anaesthetists.org/Portals/0/PDFs/QRH/QRH_3-8_Malignant_hyperthermia_crisis_v2.pdf?ver=2021-01-05-141951-520						
Guidance for Patient Role						
Opening lines/questions/cues/key responses Anaesthetised						
Guidance for ODP role	Guidance for Surgeon					
Actions If not checked, can remind temperature monitoring Competent, but needs reassurance and task allocation	Unaware of anaesthetic incident until specifically declared, keen to get surgery going. Can ask, shall I call your consultant if you aren't happy to start surgery.					
Guidance for Role e.g. ITU/Anaesthetic Senior	Additional challenges					
Expectations/actions Support as necessary depending on level of participant						
Session Objectives						
Clinical Identification and treatment	Identification and treatment of malignant hyperthermia					
Non-technical skills						

Coordinating team activity – role allocation when numerous roles need to happen simultaneously, exchanging information at handover, assertiveness if necessary,

Planning for next steps as situation changes, prioritising and utilising resources to

Identifying options and balancing risks and benefits of treating different potential

Gathering information in an acute/unfamiliar situation, recognising and

understanding cause of deterioration, anticipating next steps

Guidelines

Tell us how you found this simulation scenario resource.

Give us feedback (5 mins) here: https://forms.office.com/e/etz7yZf0aa Or scan the QR code below:

supporting members of team

complete tasks, following guidelines

conditions, continuous re-evaluation



Teamworking

Task management

Decision making

Situational awareness

improve slightly by this point