



**Malignant Hyperthermia Testing Unit
Department of Anaesthesia and Pain Management
The Royal Melbourne Hospital**

**REPORT
Suspected Malignant Hyperthermia Reaction**

Patient Contact Details (or UR sticker)			
Patient Name:			
Address:			
Phone:		Mobile:	
Date of Birth:	/ /	Sex:	
Name and Contact Details of Doctor Completing this Form:			
Name:			
Address:			
Phone:		Mobile:	Email:
Events			
Date of Procedure:	/ /		
Name of Procedure:			
Name of Consultant Anaesthetist:			
Drugs administered and doses (attach a copy of the anaesthetic chart):			
Description of events and suspected drug(s):			
Patient's usual medications:			
Family History of muscle disorders, anaesthetic reactions or sudden unexplained death?			
Number of previous uneventful anaesthetic procedures:			
Untoward events during previous anaesthetic procedures?			
Note: If you wish to speak directly to Dr Robyn Gillies, FANZCA, about this case, she can be contacted on (03) 9342-7540 or 0412 167 707; or by faxing this report/request form to: (03) 9342-8623. Email: robyn.gillies@mh.org.au			

Reaction(s):

Muscle Rigidity			
Generalized Rigidity		Masseter Rigidity shortly following Succinyl choline administration	
Myonecrosis			
Elevated Creatinine Kinase > 10,000 IU (no sux)		Myoglobin in Urine (>60mcg/L)	
Elevated Creatinine Kinase > 20,000 IU (with sux)		Blood/plasma/serum K ⁺ > 6 mEq/L in the absence of renal failure	
Cola Coloured Urine		Myoglobin in serum >170 mcg/L	
Respiratory Acidosis			
ET CO2 > 55 mmHg with appropriately controlled ventilation		Inappropriate hypercarbia	
ET CO2 > 60 mmHg with spontaneous ventilation		Inappropriate tachypnoea	
PaCO2 > 60 mmHg with controlled ventilation		PaCO2 > 65 mmHg with spontaneous ventilation	
Temperature Increase			
Rapid increase in temperature		Inappropriate temperature > 38.8°C in the perioperative period	
Cardiac Involvement			
Inappropriate tachycardia		VT or VF	
Other			
Rapid reversal of MH signs with Dantrolene		Base excess > -8meq/L or pH < 7.25	

Samples and Reporting:

Blood for later DNA extraction (10mls EDTA tube) – (discuss with Dr Gillies)	Yes_____	No_____
Other comments:		
Resting blood CK level	Yes_____	No_____
Do you intend to report this case to the Consultative Council on Anaesthetic Mortality and Morbidity (CCAMM)?	Yes_____	No_____

[Attach a copy of Theatre Anaesthetic, Recovery Room and or ICU Charts](#)

Post to:

Dr Robyn Gillies
 Malignant Hyperthermia Testing Unit
 Department of Anaesthesia and Pain Management
 Royal Melbourne Hospital
 PARKVILLE VIC 3050

Or, fax to: (03) 9349-8623
 Further enquiries: (03) 9342-7540

Note:

Reference:

**Patient will be contacted ONLY upon receipt of this completed form
 Larach, M et al. A Clinical Grading Scale to Predict Malignant
 Hyperthermia Susceptibility. Anesthesiology 80, 771-779, 1994**