

Criteria Used in the Clinical Grading Scale for Malignant Hyperthermia

Clinical Finding (Maximum Score) ¹	Manifestation ²
Respiratory acidosis (15)	End-tidal CO ₂ >55 mm Hg, PaCO ₂ >60 mm Hg
Cardiac involvement (3)	Unexplained sinus tachycardia, ventricular tachycardia, or ventricular fibrillation
Metabolic acidosis (10)	Base deficit >8 mEq/L, pH <7.25
Muscle rigidity (15)	Generalized rigidity, severe masseter muscle rigidity
Muscle breakdown (15)	Serum creatine kinase concentration >20,000/L units, cola-colored urine, excess myoglobin in urine or serum, plasma [K ⁺] >6 mEq/L
Temperature increase (15)	Rapidly increasing temperature, T >38.8° C
Other	Rapid reversal of MH signs with dantrolene (score=5), elevated resting serum creatine kinase concentration (score=10)
Family history (15)	Consistent with autosomal dominant inheritance

From [Larach et al \[1994\]](#), [Rosenberg et al \[2015\]](#)

1. Clinical findings (except family history) are in order of relative importance.
2. Signs occurring during or shortly after general anesthesia in the untreated individual

From: [Malignant Hyperthermia Susceptibility](#)

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