

Malignant Hyperthermia Association of the United States

<http://www.mhaus.org/index.cfm/fuseaction/Content.Display/PagePK/AnestheticList.cfm>

(607) 674-7901

(800) 644-9737 Emergency Hotline

The following anesthetic agents are known triggers of Malignant Hyperthermia and are **NOT SAFE**:

<b>Inhaled General Anesthetics</b> <ul style="list-style-type: none"> <li>• Ancctine</li> <li>• Choroform (Trichloromethane, Methyltrichloride)</li> <li>• Desflurane</li> <li>• Enflurane</li> <li>• Halothane</li> <li>• Isoflurane</li> </ul>	<ul style="list-style-type: none"> <li>• Methoxyflurane</li> <li>• Sevoflurane</li> <li>• Trichloroethylene</li> <li>• Xenon (Rarely Used)</li> </ul> <p><b>Depolarizing Muscle Relaxants Trigger MH</b></p> <ul style="list-style-type: none"> <li>• Succinylcholine (Suxamethonium)</li> </ul>
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All other anesthetic agents outside of these two categories of Volatile anesthetic agents and depolarizing muscle relaxants are considered **SAFE**:

<b>Barbiturates / Intravenous Anesthetics</b> <ul style="list-style-type: none"> <li>• Diazepam</li> <li>• Etomidate (Amnivate)</li> <li>• Hexobarbital</li> <li>• Ketamine (Ketalar)</li> <li>• Methohexital (Brevital)</li> <li>• Midazolam</li> <li>• Narcobarbital</li> <li>• Propofol (Diprivan)</li> <li>• Thiopental (Pentothal)</li> </ul>	<b>Narcotics (Opioids)</b> <ul style="list-style-type: none"> <li>• Alfentanil (Alfenta)</li> <li>• Anileridine</li> <li>• Codeine (Methyl Morphine)</li> <li>• Diamorphine</li> <li>• Fentanyl (Sublimaze)</li> <li>• Hydromorphone (Dilaudid)</li> <li>• Meperidine (Demerol)</li> <li>• Methadone</li> <li>• Morphine</li> <li>• Naloxone</li> <li>• Oxycodone</li> <li>• Phenoperidine</li> <li>• Remifentanil</li> <li>• Sufentanil (Sufenta)</li> </ul>	<b>Anxiety Relieving Medications</b> <ul style="list-style-type: none"> <li>• Ativan (Lorazepam)</li> <li>• Centrax</li> <li>• Dalmane (Flurazepam)</li> <li>• Halcion (Triazolam)</li> <li>• Klonopin</li> <li>• Librax</li> <li>• Librium (Chlordiazepoxide)</li> <li>• Midazolam (Versed)</li> <li>• Paxipam (Halazepam)</li> <li>• Restoril (Temazepam)</li> <li>• Serax (Oxazepam)</li> <li>• Tranxene (Clorazepate)</li> <li>• Valium (Diazepam)</li> </ul>
<b>Inhaled Non-Volatile General Anesthetic</b> <ul style="list-style-type: none"> <li>• Nitrous Oxide</li> </ul>	<b>Safe Muscle Relaxants</b> <ul style="list-style-type: none"> <li>• Arduan (Pipocuronium)</li> <li>• Curare (The active ingredient is Tubocurarine)</li> <li>• Gallamine</li> <li>• Metocurine</li> <li>• Mivacron (Mivacurium)</li> <li>• Neuromax (Doxacurium)</li> <li>• Nimbex (Cisatracurium)</li> <li>• Norcuron (Vecuronium)</li> <li>• Pavulon (Pancuronium)</li> <li>• Tracrium (Atracurium)</li> <li>• Zemuron (Rocuronium)</li> </ul>	
<b>Local Anesthetics</b> <ul style="list-style-type: none"> <li>• Amethocaine</li> <li>• Articaine</li> <li>• Bupivacaine</li> <li>• Dibucaine</li> <li>• Etidocaine</li> <li>• Eucaine</li> <li>• Lidocaine (Xylocaine)</li> <li>• Levobupivacaine</li> <li>• Mepivacaine (Carbocaine)</li> <li>• Procaine (Novocain)</li> <li>• Prilocaine (Citanest)</li> <li>• Ropivacaine</li> <li>• Stovaine</li> </ul>		