



**REGULATORY/ MEDICAL HEALTH SERVICES**  
**EMERGENCY MEDICAL SERVICES**

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November 2, 2016

TO: ORANGE COUNTY EMS DISTRIBUTION LIST

FROM: SAM J. STRATTON, MD, MPH  
MEDICAL DIRECTOR, ORANGE COUNTY EMS

A handwritten signature in blue ink, appearing to read 'SJS', is written over the printed name of Sam J. Stratton.

**SUBJECT: RECALL OF MAD NASAL™ INTRANASAL ATOMIZATION DEVICE**

Orange County EMS has been notified of a recall of some lots of the MAD Nasal™ intranasal atomization device that may be in use in the Orange County EMS System for intranasal administration of midazolam for seizures or sedation, naloxone for opioid overdose, and fentanyl for pain. The recall notice which identifies the specific lot numbers of the devices under recall is attached.

At present it is recommended that any atomization nozzle identified in the attached recall notice be removed from service and that alternate routes (intramuscular or intravenous) be used as directed in Standing Orders or by Base Contact for administration of medications that could also be provided by the intranasal route.

SJS:sjs#2782

## URGENT MEDICAL DEVICE RECALL NOTIFICATION

### LMA<sup>®</sup> MAD Nasal<sup>™</sup> Intranasal Mucosal Atomization Device

[Date]

To: Risk Manager / Director of Purchasing

Teleflex Medical has issued a recall for the following product codes and lot numbers:

Product Code	Batch/ Lot#	Product Code	Batch/ Lot#	Product Code	Batch/ Lot#	
MAD100	160105	MAD130OS	160436	MAD300	160409	
	160137		160803		160422	
	160302		160125		160432	
	160321	160218	160440			
	160402	MAD140	160437		160500	
	160435		160610		160518	
	160506		160801		160602	
	160523		160226		160611	
	160609	MAD140OS	160438		160621	
	160620		160727		160631	
	160707		160108		160701	
	MAD100OS	160802	MAD300		160117	160708
		160813			160126	160718
		160322			160145	160728
MAD110	160524	160146		160800		
	160630	160200		160804		
MAD110OS	160217	160219		160814		
	160507	160225		160816		
MAD110OS	160240	160231		160823		
	160312	160300		MAD300B	160410	
MAD130	160107	160313				
	160138	160327				
	160517	160400				

Teleflex Medical is recalling these products as they may not deliver a fully atomized plume of medication. Teleflex Medical has received complaints that the affected lots produced a straight stream instead of an atomized spray. The failure of the device to deliver an atomized plume may impair the effectiveness of the medication with which it is used. This can lead to serious injury or death in certain emergency situations, such as where the device is used in an off-label manner for needle-free delivery of drugs for reversal of life threatening narcotic overdose, reversal of life threatening hypoglycemia, or treatment of epileptic seizures.

Our records indicate that you have received products that are subject to this recall. We are now notifying our customers to take the following actions:

1. Immediately discontinue use and quarantine any products with the catalog numbers and lot numbers listed above.
2. If you have affected stock, please complete the enclosed Recall Acknowledgement Form and fax to **[distributor fax number]**.
3. Once the fax is received, we will provide instructions on how to return any affected product directly to **[distributor name]**.

The U.S. Food and Drug Administration has been notified of this action.

We apologize for any inconvenience this notification may cause and remain committed to providing high quality, safe and effective products.

Sincerely,

**[Distributor Representative]**

Enclosure