



ENCHANTED
MEDICAL AESTHETICS

**A GUIDE
FOR YOUR
AESTHETIC
EMERGENCY KIT**

Presentation Breakdown

Important Points to Discuss

- An Introduction
- The Purpose
- The Principles
- The Main Goals
- The Kit
- The Essentials
- Supporting Research

An Introduction

WHY TALK ABOUT AESTHETIC EMERGENCIES?

When I started in aesthetics in 2007, the trend in the industry was quickly moving to hyaluronic acid (HA) dermal fillers but there were still collagen fillers being used. Restylane (lidocaine free) was the first HA approved by the FDA in 2003 and distributed in the U.S. market by Medicis. No one talked about arterial occlusions. No one discussed hyaluronidase with regards to reversing HA. No one shared and discussed emergency protocols. In recent years, a large number of aesthetic providers have made it their mission to disseminate information, experience, wisdom, and guidance on how to avoid and manage aesthetic emergencies.

This presentation aims to give you an aesthetic emergency guide that you can use in your practice. Research and new discoveries are constant, but this will give you some information and guidance on where to start and how to prepare yourself and your clinic for aesthetic emergencies.

“

Words of Wisdom

**By failing to prepare, you
are preparing to fail.**

Benjamin Franklin

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The Purpose

Why You Need to have an Aesthetic Emergency Kit

Preparedness is the name of the game. Too many times I hear owners/providers of aesthetic practices comment that "it's so expensive to carry the reversing agent, and it expires before we need to use it." Thank you Jesus it expired before you had a chance to use it! Do you hear yourself? To have a plan for when \$h!+ hits the fan is necessary to keep your patients and your practice safe. Statistics are low for arterial occlusions, blindness, and cerebral infarction; and so are house fires but we still all get home owner's insurance right?

Old school emergency kits were packed with "extras" to vasodilate, but the newer school of thought has you reaching for hylenex, hyalase, vitrase, and compounded hyaluronidase. Although there are no FDA approvals for the use of hyaluronidase in the application of reversing hyaluronic acid dermal fillers, we know that this is needed to prevent skin breakdown and necrosis if an arterial occlusion results after injecting our aesthetic HAs. High dose and pulsed, meaning every hour until the patients full capillary refill returns.

Your time will come. It's not if...it's when.



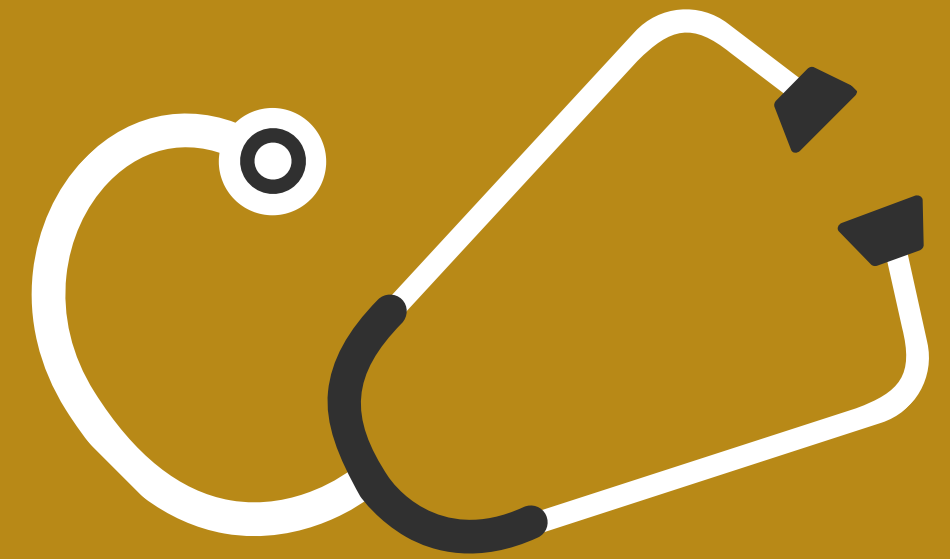
The Principles

What You Need to Do

1. Set a plan with your medical director. Decide a protocol that your team will follow. I suggest reading several journal articles and formulating your plan based off of your literature review. I've attached some of my favorites in this module.
2. Buy the supplies that your team wants to have in the office and put it in a container labeled emergency kit or aesthetic crash cart.
3. Make it a rule that the kit should not be put away unless all supplies have been replenished. The worst thing would be to go to use the kit and you don't have all of your supplies. Have a list inside the cart with restock numbers. This way all team members can be part of checking the kit weekly/monthly to make sure nothing has gone missing.
4. Hold quarterly meetings/trainings with your team to review what is in the emergency kit, how to use it, and hold mock drills of enlisting your aesthetic emergency plan.

THE MAIN GOALS

Three Important Aims



1: Provide guidance on establishing your aesthetic emergency protocol



2: Understand the aesthetic community recommendations



3: Establish your aesthetic emergency kit

The Kit

Suggested Items for your Aesthetic Emergency Kit

Essentials:

1. Hylenex
2. Aspirin
3. EpiPen

Extras:

1. Warm Packs
2. Cannula
3. Peppcid
4. Benadryl
5. Prednisone
6. Naphcon
7. Arnica
8. Ammonia smelling salts
9. Nitro-Bid paste



THE ESSENTIALS

Aesthetic Emergency Kit



Hyaluronidase

HA dissolver



Aspirin

325mg q 4-6 hours



EpiPen

PRN

THE EXTRAS

Aesthetic Emergency Kit



Warm Packs
Vasodilator



Cannula
Delivery of
Hyaluronidase



Pepcid,
Benadryl, &
Prenisone
PRN

THE EXTRAS

Aesthetic Emergency Kit



Naphcon
Lid Ptosis



Arnica
Bruising



Ammonia Salt
PRN

THE EXTRAS

Aesthetic Emergency Kit



Nitro Paste

Vasodilator

Supporting Research

Suggested scholarly articles for safety reference

1. New High Dose Pulsed Hyaluronidase Protocol for Hyaluronic Acid Filler Vascular Adverse Events by Claudio DeLorenzi, MD, FRCS
2. The Use of Hyaluronidase in Aesthetic Practice (v2.4) by Martyn King, MD; Cormac Convery, MD; and Emma Davies, RN, NIP
3. How I Do It - Management of dermal filler induced facial artery occlusion using the HELPIR technique by Patrick Treacy

...and there are many more. The above articles are meant to give you a place to start in your search for developing the protocol that is right for you and your practice. I have attached these, as well as others to this course. A note: Claudio DeLorenzi's most recent publication in 2017 supercedes his older publications from 2013. Follow on to the next lecture to breakdown current industry recommendations as of March 2020.