

# PROTOCOL FOR THE DILUTION AND ADMINISTRATION OF HYALASE

## EMERGENCY /VASCULAR OCCLUSION

Reconstitute Hyalase in 1ml of Bacteriostatic saline.  
Add to another 1ml of saline making a solution of 1500units in 2mls of saline.



Infiltrate 375-1500units over entire area including the course of vessel injected by serial puncture



Massage and apply Heat



Reassess after 45mins.  
Then check capillary refill <4seconds.



Resolved	Unresolved
Monitor / Review	Repeat at 45minute cycles x3
Provide appropriate after care	Seek advice

## NON EMERGENCY SETTING

Dilute 1500units of Hyalase in 1ml of Bacteriostatic saline.

Draw 0.1ml of this solution and further dilute with another 0.9ml of saline.  
The resulting solution is 150units of Hyalase in 1ml of saline.  
i.e 15units per 0.1ml.



Perform an intradermal test patch in the forearm  
20units for 30 minutes



No reaction/ Minor erythema	Weal/ Itching/ Allergic reaction
Treat with Hyalase- be aware false negative patch tests do occur	Do not use Hyalase



Amount of Hyalase to be injected depends on volume, nature and concentration of HA.  
But as a general guide between 5-30units of Hyalase is used to dilute 0.1ml of HA.

In most cases, 0.1ml of Hyalase solution (see above) will be sufficient to remove 0.1ml of HA.

Use a suitable needle and inject the affected area accurately. Several injections may be required.  
Then massage vigorously.

Observe the patient for 60 minutes to ensure no reaction occurs. Review at 48 hours.