

Referral for Urgent Hyperbaric Treatment Following Inadvertent Arterial Cosmetic Filler Injection

Background:

Inadvertent arterial injection of cosmetic filler agent leads to sudden vascular occlusion and ischemia of tissues and structures supplied by the affected artery. The resulting ischemia typically affects the cutaneous tissues fed by the artery but can extend to other structures leading to other symptoms (i.e. hearing loss). In addition to primary treatment (hyaluronidase, nitropaste, ASA, warm compress) hyperbaric oxygen therapy provides good patient outcomes but has been limited in availability due to its resource intensive nature.

Treatment:

Hyperbaric treatment of arterial injection/ischemia is OHIP covered and should be started within 24 hours of arterial injection. Our center recommends to do two days of twice daily treatments followed by six days of once a day treatment (ten treatments total)*. Additional treatments or referral may be warranted depending on the response of the affected artery and tissues.

Access:

Weekday Event (Mon-Friday):

1. **Call (905) 848 – 0202** and ask to speak to the hyperbaric physician. Complete a patient referral which can be done via an e-referral or fax. Both methods available through our website: www.restorehyperbarics.ca. We will aim for same day treatment if our center is contacted by 1pm and the patient can reach our facility
2. If after hours, email: urgent@restorehyperbarics.ca with information and complete a referral as per above.
 - If same day treatment is not possible, we will triage to start treatment first thing next morning*
 - If event occurs Friday afternoon and immediate treatment cannot be started at our center, we will triage the case with the on call team at TGH for urgent weekend treatment (subject to TGH capacity and on call physician accepting referral). Weekday treatment can be continued at our center*

Weekend/Holiday Event:

1. **Email: urgent@restorehyperbarics.ca** with information and complete a referral. A referral can be done via an e-referral or fax referral both of which can be done through our website www.restorehyperbarics.ca

We will triage the case with the on call team at TGH for urgent weekend treatment (subject to TGH capacity and on call physician accepting referral). Weekday treatment can be continued at our center*

For Non Urgent Plastics Referrals (OHIP covered: complex wounds, compromised graft, and osteomyelitis) please send referral via e-referral or by fax (Both available via our website www.restorehyperbarics.ca)

*Availability to treat patients may be limited by our chamber availability. In the event of being unable to initiate timely treatment, we will attempt to triage with collaborative centers for timely access