

## Clinical applications duplex ultrasound. Part 1

### Lower face

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#### Standard position 1: Jawline

- Are there any fillers injected in the jawline. If so in which layer are they injected?
- Check the mobility of the masseter muscle. Where would you like to inject filler; mark this on your model
- Measure the thickness of the subcutaneous tissue above parotid gland; do you have to adjust your treatment or filler
- Located the facial vein and artery lateral to the belly of the masseter muscle Mark them on your model.

#### Standard position 2: Chin

- Are there any fillers injected in the chin. If so in which layer are they injected?
- Locate the mentalis muscles and put the duplex on: are there any vessels visible
- Locate the mental foramen. Mark these on your model on both sides and observe the differences
- Place probe horizontally over the depressor anguli oris muscle. Measure the thickness of the subcutaneous tissue above it

#### Standard position 3: Lips

- Are there any fillers injected in the lips. If so in which layer are they injected?
- Put the duplex on and place the probe horizontally at the corner of the mouth. Locate in which layer the supralabial artery is coursing. What is a safe area to inject?
- Does your model have a columella artery?