

## **Innovations with the scapula and subscapular system for head and neck microvascular reconstruction**

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### **Scapula Survey – Version 3**

1. What approach do you use?
  - a. Parascapular approach always
  - b. Thoracodorsal approach always
  - c. Both – depends on the case and what is needed for reconstruction
2. How do you prep and drape for scapula harvest?
  - a. Two preps/drapes – one for the ablative portion and one for the reconstructive portion
  - b. One prep/drape – sequential harvest
  - c. One prep/drape – simultaneous harvest
3. Do you use a spider arm to hold the arm during harvest?
  - a. Yes
  - b. No

4. How often do you harvest a TDAP if you are also harvesting scapula bone?
  - a. Never
  - b. 1-25% of the time
  - c. 26-50% of the time
  - d. 51-75% of the time
  - e. 76-100% of the time
5. How often do you harvest a TDAP if you are doing a soft tissue reconstruction only?
  - a. Never
  - b. 1-25% of the time
  - c. 26-50% of the time
  - d. 51-75% of the time
  - e. 76-100% of the time
6. How often do you harvest two separate skin paddles (for either a bone or soft tissue only reconstruction)?
  - a. Never
  - b. 1-25% of the time
  - c. 26-50% of the time
  - d. 51-75% of the time
  - e. 76-100% of the time
7. Do you prefer to harvest scapula bone on the circumflex scapular artery or the angular artery?
  - a. Circumflex
  - b. Angular
8. How much bone do you feel comfortable harvesting based on the angular artery?
  - a. Tip of the scapula only
  - b. 1-5cm of the lateral border
  - c. 1-8cm of the lateral border
  - d. Up to 12cm of the lateral border
  - e. I don't harvest based on the angular artery.
9. How much bone do you feel comfortable harvesting based on the circumflex scapular artery?

- a. 1-5cm of the lateral border
  - b. 1-8cm of the lateral border
  - c. Up to 12cm of the lateral border
  - d. I don't harvest based on the circumflex scapular artery
10. How many osteotomies would you make in a scapula?
- a. None
  - b. One
  - c. Two
  - d. Three or more
11. Do you prefer green stick osteotomies or closing osteotomies?
- a. Green stick
  - b. Closing
12. Do you use virtual surgical planning and cutting guides for scapula reconstruction?
- a. Yes
  - b. No
13. Do you put dental implants into scapula reconstructions?
- a. Yes
  - b. No
14. Which side do you prefer to harvest the scapula from?
- a. Same side as the defect
  - b. Contralateral side as the defect
  - c. Non-dominant arm regardless of defect side
15. Do you prefer to orient the scapula vertically or horizontally for a mandible reconstruction?
- a. Vertical
  - b. Horizontal
16. Do you have patients wear a sling for comfort in the postoperative period?
- a. Yes
  - b. No
17. When do you have patients starting doing range of motion exercises?
- a. Immediately (POD0-1)

- b. POD2-3
  - c. POD4-5
  - d. POD6-7
18. Do you position full lateral or lazy lateral (30 degree bump on a bean bag)?
- a. Full lateral
  - b. Lazy lateral (approximate 30 degree bump)
19. Have you had a branchial plexus injury?
- a. Yes
  - b. No
20. If you had a branchial plexus injury, did the patient recover fully?
- a. Yes
  - b. No
21. Do you obtain a preoperative CTA to assess vessel anatomy of the subscapular system?
- a. Yes
  - b. No
22. Will you harvest a scapula from a shoulder that has undergone prior surgery?
- a. Yes
  - b. No
23. Have you aborted harvesting a scapula free flap?
- a. Yes
  - b. No

Please write in the reason why you had to abort harvesting the flap: \_\_\_\_\_