Microtia Reconstruction In Hemifacial Microsomia Patients:
Three Framework Coverage Techniques

Cases Showing Factors that Deteriorated the Aesthetic Outcomes

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### Table of Contents

1. **Cases showing delayed resorption of cartilage framework**  
   - Cases 6, 7 and 8

2. **Cases showing color mismatch**  
   - Cases 9, 10 and 11

3. **Case showing larger reconstructed ear**  
   - Case 12

4. **Case showing different axis of reconstructed ear**  
   - Case 13
Case 6 showing Delayed Resorption of the cartilage:
Subfacial Expansion Technique

1st stage op. (Jun. 2009) Subfascial expander insertion
Case 6 showing Delayed Resorption of the cartilage: Subfacial Expansion Technique

2nd stage op. (Feb. 2010) Framework embedding underneath skin and transposition of lobule vestige
Case 6 showing **Delayed Resorption** of the cartilage:
Subfacial Expansion Technique

Case 6 showing Delayed Resorption of the cartilage:
Subfacial Expansion Technique

Views of 6 months and 5 years after operation
Arrow indicates resorbed portion due to chronic inflammation
Surgeon’s satisfaction score: 7 points
Case 7 showing **Delayed Resorption** of the cartilage:

Subfacial Expansion Technique

1\textsuperscript{st} stage op. (Mar. 2008) Expander insertion after laser epilation

2\textsuperscript{nd} stage op. (May. 2009) Framework Embedding
Case 7 showing Delayed Resorption of the cartilage:
Subfacial Expansion Technique

3rd stage op. (May. 2009) Views before and 8 months after operation
1. Arrows indicate a point of wire exposure, which became cartilage resorption.
2. Mastoid fascial flap (MFF) was designed.

Before operation  
8 mo after op. 
8 mo after op.
Case 7 showing **Delayed Resorption** of the cartilage:
Subfacial Expansion Technique

Close-up views showing postoperative progression after 3rd operation
Case 7 showing **Delayed Resorption** of the cartilage:
Subfacial Expansion Technique
Views of 8Yrs 4mo after 2nd operation
Surgeon’s Satisfaction Score: 1 point
Case 8 showing **Delayed Resorption** of the cartilage: Embedded and Elevation Technique

1st stage op. (Apr. 2012) after laser epilation
**Case 8 showing** Delayed Resorption of the cartilage:
Embedded and Elevation Technique

2nd stage op. (Sep. 2012) Views before and 8 months after operation
Arrows indicate partial resorption sites
Case 8 showing **Delayed Resorption** of the cartilage: Embedded and Elevation Technique

Close-up views showing postoperative progression after 2\textsuperscript{nd} operation: External mandibular distraction and fat graft were also performed
Case 8 showing Delayed Resorption of the cartilage:
Embedded and Elevation Method

Views of 6Yrs 4mo after 2nd operation
Surgeons Satisfaction Score: 4 points
Case 9 Showing **Color Mismatch** of grafted skin:
Temporoparietal Fascia flap Technique
Case 9 Showing **Color Mismatch** of grafted skin:
Temporoparietal Fascia flap Technique

Views of 2 years after operation / Skin donor site: Buttock

Surgeon’s satisfaction score: 9 points
Case 10 Showing **Color Mismatch** of grafted skin:
Temporoparietal Fascia plus Mastoid Fascia Flap Technique

- Skin donor site: Low abdomen
- Surgeon’s Satisfaction Score: 8 points

12 years old

Postoperative 8 years
Case 11 Showing Color Mismatch of grafted skin:
Free Temporoparietal Fascia Flap Technique (Microsurgical)

Skin donor site: Buttock

Surgeon’s Satisfaction Score: 9 points
Case 12 Showing Large Reconstructed ear: Embedding and Elevation Technique

Surgeon’s Satisfaction Score: 8 points

6 years old

Postoperative 6 years
Case 12 Showing **Different Axis** of reconstructed ear:

Temporoparietal Fascia Flap Technique

Surgeon’s Satisfaction Score: 7 points