### Timeline of Medical and Surgical Management for Individuals with Craniofacial Microsomia

<table>
<thead>
<tr>
<th>Age</th>
<th>Infancy</th>
<th>Transition to Toddlerhood</th>
<th>The Preschool Period</th>
<th>Early School Age</th>
<th>Late School Age</th>
<th>The Teenage Years</th>
<th>Transition to Adulthood</th>
</tr>
</thead>
</table>
| 0-12 months  | -Hearing evaluation  
- Renal ultrasound | -Hearing evaluation*  
-Cervical spine films | -Hearing evaluation*  
-CI if aural atresia  
-Orthodontic records | -Hearing evaluation*  
-Orthodontic records | -Hearing evaluation*  
-Orthodontic records | -Hearing evaluation | -Obstructive sleep symptoms  
-Oral health |
| 12-36 months | -Respiratory status  
-Feeding & growth  
-Other anomalies  
-Facial symmetry  
-Palatal function  
-Oral health | -Obstructive sleep symptoms  
-Nutrition  
-Development  
-Facial symmetry  
-Speech  
-Oral health | -Obstructive sleep symptoms  
-Growth  
-Development  
-Facial symmetry  
-Speech  
-Oral health | -Obstructive sleep symptoms  
-Growth  
-Obstruction  
-Occlusion  
-Psychosocial well-being  
-Oral health | -Obstructive sleep symptoms  
-Occlusion  
-Psychosocial well-being  
-Oral health | -Obstructive sleep symptoms | -Oral health |
| 3-5 years    | -Respiratory status  
-Feeding & growth  
-Other anomalies  
-Facial symmetry  
-Palatal function  
-Oral health | -Obstructive sleep symptoms  
-Nutrition  
-Development  
-Facial symmetry  
-Speech  
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-Oral health | -Obstructive sleep symptoms  
-Occlusion  
-Psychosocial well-being  
-Oral health |
| 6-8 years    | -Airway procedures  
-Oral cleft repair  
-Tympanostomy tubes  
-Eyelid surgery  
-Rhinoplasty  
-Soft tissue augmentation | -Obstructive sleep symptoms  
-Nutrition  
-Development  
-Facial symmetry  
-Speech  
-Oral health | -Obstructive sleep symptoms  
-Growth  
-Development  
-Facial symmetry  
-Speech  
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-Oral health | -Obstructive sleep symptoms  
-Occlusion  
-Psychosocial well-being  
-Oral health |
| 9-12 years   | -Airway procedures  
-Oral cleft repair  
-Tympanostomy tubes  
-Eyelid surgery  
-Rhinoplasty  
-Soft tissue augmentation | -Obstructive sleep symptoms  
-Nutrition  
-Development  
-Facial symmetry  
-Speech  
-Oral health | -Obstructive sleep symptoms  
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-Psychosocial well-being  
-Oral health | -Obstructive sleep symptoms  
-Occlusion  
-Psychosocial well-being  
-Oral health |
| 13-16 years  | -Airway procedures  
-Oral cleft repair  
-Tympanostomy tubes  
-Eyelid surgery  
-Rhinoplasty  
-Soft tissue augmentation | -Obstructive sleep symptoms  
-Nutrition  
-Development  
-Facial symmetry  
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-Occlusion  
-Psychosocial well-being  
-Oral health |
| 17-21 years  | -Airway procedures  
-Oral cleft repair  
-Tympanostomy tubes  
-Eyelid surgery  
-Rhinoplasty  
-Soft tissue augmentation | -Obstructive sleep symptoms  
-Nutrition  
-Development  
-Facial symmetry  
-Speech  
-Oral health | -Obstructive sleep symptoms  
-Growth  
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-Oral health |

### Obtain:
- Hearing evaluation  
- Renal ultrasound
- Respiratory status  
- Feeding & growth  
- Other anomalies  
- Facial symmetry  
- Palatal function  
- Oral health

### Evaluate:
- CFM diagnosis  
- Short and long-term plan  
- Adjustment to condition  
- Hearing status  
- Barriers to care
- Treatment options  
- Preparation for preschool, kindergarten  
- Barriers to care  
- Communication  
- Importance of good oral hygiene

### Discuss:
- Reassurance  
- Support resources  
- Early intervention services  
- Information on resources & school support  
- Orthopedics referral*  
- Early intervention services*
- Treatment options  
- Child and family's treatment goals  
- Self-esteem, concerns  
- Barriers to care  
- School accomodations for hearing loss*

### Provide:
- Ear & facial tag removal  
- Oral cleft repair  
- Tympanostomy tubes  
- Eyelid surgery  
- Fat grafting  
- Jaw surgery
- Information on resources & school support  
- Psychological support  
- Surgical decision-making

### Common surgeries**:
- Ear reconstruction  
- Prosthesis  
- Aural atresia repair  
- Fat grafting  
- Airway procedures

### Consider:
A genetics evaluation can aid in assessment of the differential diagnoses, which may include: CHARGE, Townes-Brocks, Branchio-oto-renal Nager, Miller, and Treacher-Collins syndromes.

* When indicated  
**Though these are common craniofacial surgeries in CFM, not all children will require every procedure.