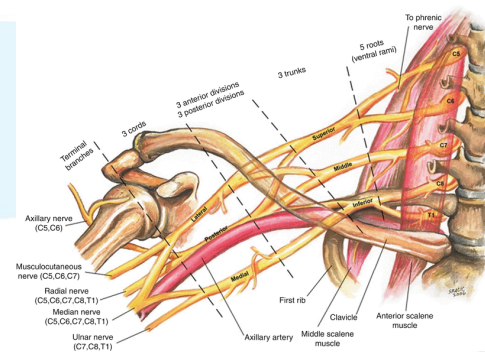


# Orthotic Management Brachial Plexus Virtual Study Day

Gail Morrison  
Specialist Orthotist  
[Gail.Morrison@ggc.scot.nhs.uk](mailto:Gail.Morrison@ggc.scot.nhs.uk)

- Why we use Orthoses
- Their use in brachial plexus injury
- Biomechanics
- Functional loss
- How we can work with and support therapy staff



# Aims of Orthoses

- Correct, prevent or accommodate deformity
- assist, resist, stop motion in one or more planes
- reduce pain
- Increase function
- Improve body image/cosmesis

# Correct/prevent/accommodate deformity



# Assist, resist, stop motion in one or more planes



# Reduce pain



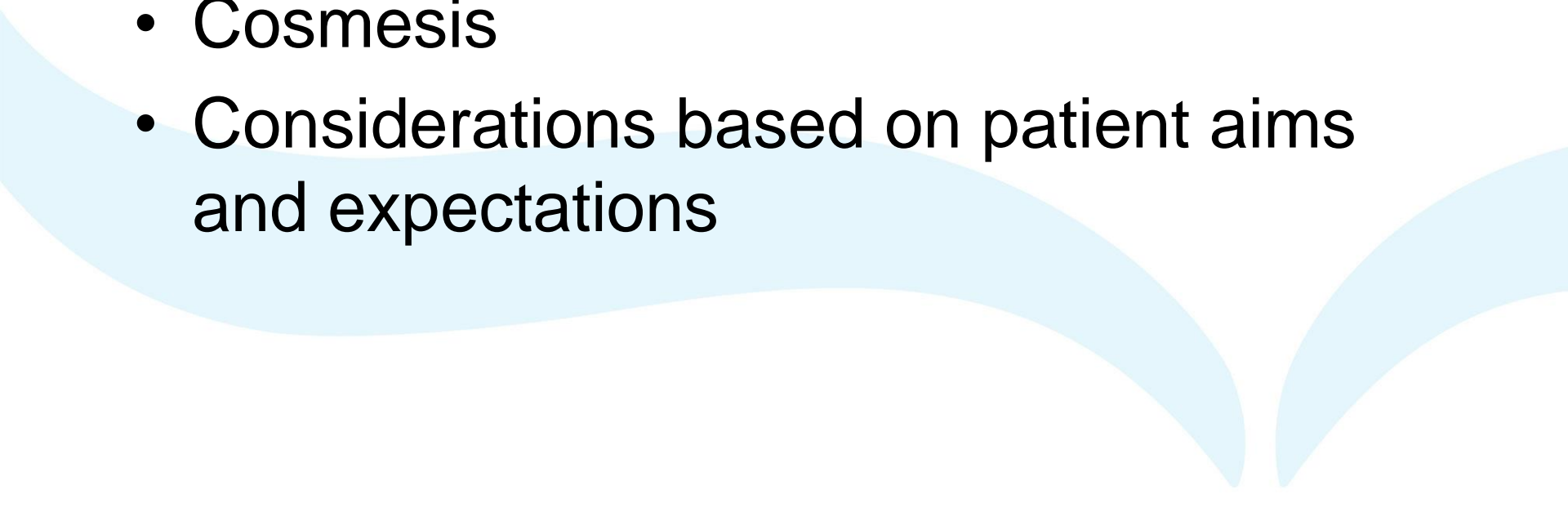
# Increase function



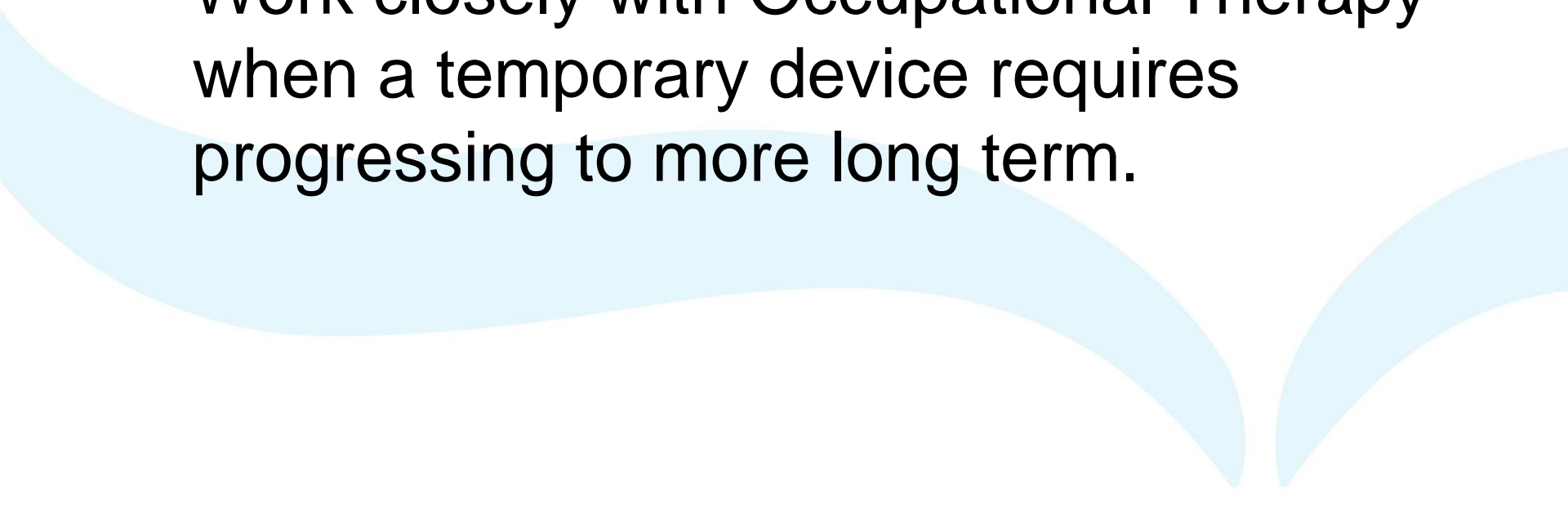
# Biomechanics



# Functional Loss

- Prescription based functional loss
  - Custom made or stock
  - Function at shoulder, elbow, wrist, hand
  - Cosmesis
  - Considerations based on patient aims and expectations
- 

# Working within the multidisciplinary Team

- Fit and supply devices at different stages of patient's rehabilitation to support Physiotherapy treatment.
  - Work closely with Occupational Therapy when a temporary device requires progressing to more long term.
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# Thank you

## Questions?

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