Turner’s Syndrome and Hearing
What you need to know

Orla Jones, Chief Audiologist
Hermitage Medical Clinic
What is an audiologist?

- Test hearing and balance in newborns, children and adults
- Examine ears and test for problems in the middle and inner ear
- Provide rehabilitation for people with hearing problems
Introduction

- Hearing loss in children
- Hearing loss in adults
Hearing in children with TS

- Lack of evidence on hearing levels in infants
- Studies on children aged 10-16
  - 33-53% had conductive hearing loss
  - 13-58% had sensorineural hearing loss

Large Variation in study results
Signs of hearing problems in a child

- Asking for things to be repeated especially when they are not facing the speaker
- Getting lost/accused of day dreaming at school
- Shouting or talking very quietly
- Sensitive to loud noises
- Speech problems
- Turning up TV
- Misunderstandings
What to do if you think your child has a hearing loss

- Speak to your GP
- Your child may need to be referred to an audiologist and/or Ear Nose and Throat Dept.
- Face child and get their attention before speaking to them,
- Speak a little slower and clearly
- Ask for child to be moved to front of class
Intervention

- Medical/surgical
- Amplification

and most importantly

Monitor
Hearing in adults with TS

- 17% - normal hearing
- 19% - conductive hearing loss
- 47% - sensorineural hearing loss

- Results based on adults over 16 year with TS
Signs of Hearing loss in Adults

- Needing things to be repeated
- Turning up TV or radio
- Finding that people mumble instead of talking
- Significant difficulty hearing when in background noise
- Tired in work, getting lost at meetings, lack of focus
What to do if you think your hearing is down

- Go to your GP
- Go to local audiology clinic
- May need onward referral to ENT
Intervention

- Medical / surgical
- Hearing aids

MONITOR
Welcome to join study

- Research on hearing loss in adults with TS
- Testing still being carried out in the Hermitage Medical Clinic- free of charge
- All over 16s welcome
Any Questions?
Thank you for listening