# Overview of Examination of the Dizzy Patient

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### Goals of the Exam

- Quantify functional status
- Identify medical problems
- Quantify vestibular deficit
- Quantify neurological deficit
- Identify psychological problems

## Strategy of the exam

- Order for your convenience
  - I. Standing
  - II. Sitting
  - III. Frenzels
  - IV. Special
- Save potentially disturbing tests (e.g. vestibular testing) for the end
- Expand exam as needed based on history or previous examination

## I. Standing

- Gait and Romberg
- Motor power in lower extremities
- Blood pressure/Pulse standing



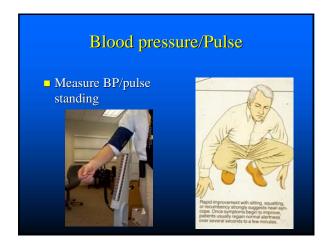
This is eyes-closed regular Romberg.

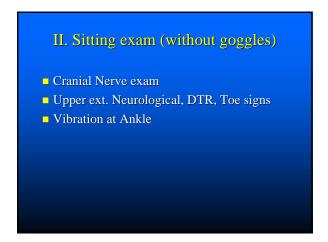
Normal persons should be able to stand in ECTR for 6 sec.

Head extended ECTR for 6 seconds is in upper 25<sup>th</sup> percentile

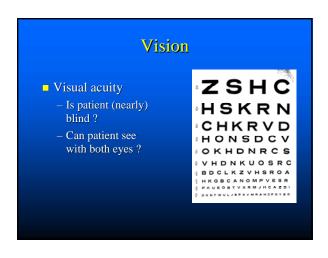
## Motor power

- Is patient's unsteadiness due to weakness?
  - Stand on heels and toes
  - Deep knee bend

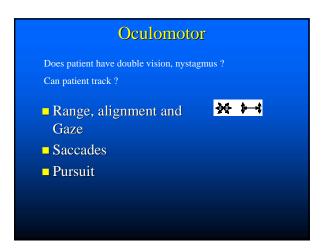












## **Gaze Testing**

- Move finger to the limits of lateral gaze (bury sclera) if can't bury, may have oculomotor palsy
- Move finger to limits of vertical gaze
- Do eyes reach end-gaze?
- Is there end-gaze nystagmus?
- Is there rebound nystagmus?

# Gaze nystagmus Alexanders Law Rebound Rebound Rebound nystagmus CERROR TRANSPORTERS CERO

# Hearing -- 8th nerve

- Screen Hearing
  - Rubbed fingers (high frequencies)
  - Whisper test (alternative)
  - Watch test (alternative)
  - Tuning forks (best but slow)





## **Motor Power**

- Motor power
  - Heels, Toes, Deep knee bend, grip, pronater sign.
- Deep tendon reflexes
  - AJ, KJ, Biceps
- Babinski sign



# Babinski Sign



Myelopathy
Including cervical v.
Stroke

## Coordination

- Finger to nose (FTN), fine finger movements
- Rapid alternating movements (RAM)



