

## Introduction

- Wash hands, Introduce self, ask Patients name & DOB & what they like to be called, Explain examination and get consent

## General

- Listen to their speech
  - What's your name?
  - How old are you?
  - Describe how you got here today
  - Describe the room
- Work out if it's dysarthria or dysphasia, then proceed to that part of examination
  - Dysarthria
    - Bulbar palsy = flaccid
    - Pseudobulbar palsy = spastic
    - Cerebellar = slurred or staccato (broken up into syllables)
    - Myasthenia = weak, quiet, fatiguable
  - Dysphasia
    - Expressive (Broca's) = know what they want to say but struggle getting it out
    - Receptive (Wernicke's) = fluent effortless speech but lacks meaning (talk Rubbish) + can't understand language (written or spoken)

## Dysarthria

- Repeat difficult phrases
  - Yellow lorry (**tongue**)
  - Baby hippopotamus (**lip**)
  - We see three grey geese (**palate**)
- Repeat sounds
  - Pa (**facial and mouth**)
  - Ta (**tongue**)
  - Ka (**palate**)
- Count to 30 (**fatigability in myasthenia gravis**)
- Test cranial nerves 9, 10, 12
  - Look in mouth and say "ahhh" to observe palatal movement
  - Look at uvula (**deviates to side of lesion**)
  - Look at tongue (**fasciculations = lower motor neurone e.g. bulbar palsy**)
  - Assess cough and swallow
  - Stick tongue out (**deviates to side of lesion**)
  - Say you would check gag reflex

## Dysphasia

- Commands (**receptive**)
  - 1 stage: open your mouth
  - 2 stage: with your right hand, touch your nose
  - 3 stage: with your right hand, touch your nose then your ear
- Word finding
  - Say as many words they can beginning with S in 1 minute (<12 is abnormal)
- Naming objects (**nominal**)
  - Watch
  - Watch hands
  - Pen
  - Tie
  - Belt
- Repetition (**receptive**)
  - No ifs ands or buts
- Write a sentence (**expressive**)
- Read a sentence (**receptive**)

### ***To Complete Exam***

- Thank patient
- “To complete my exam, I would do a full neurological exam”
- Summarise and suggest further investigations you would do after a full history