NS

O/E:

GEN — Consciousness
Neck stiffness, Kernig's sign

HIGHER CTR — Handedness — Shake hands
? (R) (L) handed

Orientat^{n} — person, place, time

DEMENTIA — Abbr. Mental Test Score of Hodkinson (1972)

1. Age
2. t (. nearest hour)
3. 42 West St
4. Year
5. Name of hospital
6. Recog — 2 persons
7. DOB
8. WW I — 1st started
9. Name PM
10. 20 → 1

Speech — talk freely
name object & pt ` an object
"British Constitut^{n}" (repetition)

RECEPTIVE DYSPHASIA

1. Point, coil
2. Fold paper in half
   ↓
   Place it on ē floor
3. c (L) hand
   ↓
   touch nose
   ↓
   touch (R) ear

EXP DYSPHASIA

1. Name object
   " parts of an object
2. What do you write with?
   " " " drink from?

Apraxia — 'Brush teeth'
Write

CRANIAL NR

I — coffee, perfume, vanilla, clove oil

II — Visual acuity (ch vis²)
Visual field (peri vis²)
① * ? unilat neglect
② ↘ ↙ ↗ ↑
③ Blind spot
Red recognit²

Fundoscopy
Pupils — shape, size, ? equal
Dil < unilat : SDH, SAH fr PCA, TICP (unilat text homin²)
bilat : ↑ ICP → con → 2° brainstem h'hage
Atropine
Constricted : Pontine les²
Narcotic O/D

Light reflex < direct & consensual
Accomo (Near response) → constrict
swing : Afferent pupillary defect

Posit² eyes — Fixed deviat² : ipsi cerebral hemiplegic les²
contralat epileptic focus
— Upward
Downward

III, IV, VI — Eye movement
? Ptosis
? Double vis²
? Nystagmus
? Fatiguability

V — Reflex — corneal
Sensat² — touch, pain, temperature
motor — masseter & temporalis
Protrude jaw & move side ↔ side
Jaw jerk

VII — Facial assym — Power: Forehead
Eyelids
Naso-labial fold
Droop
Blow mouth / show teeth
Clench platysma

VIII — Otoscopy
Hear < 6f / 100
Rinne's (//, EAm) Δ=20dB Occlus² test
Weber's Δ=5dB
Hallpike manouvre / Caloric test / Doll's eyes
— move ipsi — reflexes

IX & X — Uvula < posit² 'Ah'
Gag reflex
Speech
Cough — ? bovine
Swallow
Indirect laryngoscopy ↔ vocal cords

XI — SCM
Trapezius
Neck flex²

XII — Wast / Fasciculat²
Poke tongue out
Move side ↔ side (in mouth)

UL

Gen —
- Drift → Palm facing up
- Posture
- muscle bulk & fasciculat^z (periscapular)
- Abn move — ? tremor / chorea / myoclonus / dystonia / hemiballismus
  - dyskinesia
- Skin

Up — Cbll (hypotonia)

Down — UMN (stroke) weakness, MS (start distally)

Pseudo-athetosis — Proprioceptive loss

Motor
- Tone
- Power
- Reflexes
- Coordinat^z ← Finger-nose, Dysdiadochokinesis, Rebound

Sensat^z
- Pain & temp
- Vibrat^z & proprioceptiz
- Light touch

CORTICAL —
- 2 pt discriminat^z
- Object in hand
- Write letters in hand

LL

Gait —
- walk → Stride length, speed & cadence
- Heel to toe
- Walk on toes
- heels
- Squat & then stand
- ROMBERG'S

Gen

Motor —
- Tone clonus
- Power
- Reflexes — Babinski & Chaddock test
  - stroke behind & below ē lat malleolus on homolat side foot
- Coordinat^z — Heel-shin, Tapp

Sensory ← Light touch, Pain & Temp, Vibrat^z & Proprioceptiz

L1 map level —
- Abd reflexes
- Cremasteric u (L1-2)
- Anal sphincter — PR S2-4
- Saddle sensat^z

Straight Leg Rais

BACK

(I) deformity
scar
neurofibroma

(P) Tenderness over vert. bodies

(A) Bruits

NECK

Carotid bruits

CHEST

AB

HS ? AF
? CCF – 2°, MI

Cranial Nr

(I) Cloves oil / coffee ← URTI – bilat
Head injury

(II) VA – correct c pinhole / Fingers / Hand Movement / Light
<6/60: legally blind

Colour vision – bilat: 7% ♀ ♂
(Lt & Rt – one at a time)

Visual field (glasses off) – ① Screening c fingers

Confrontation test
② Red pin – most sensitive way to pick field defect
(i) look at my same eye (✓ Nose!! – Eye to eye)
(ii) say yes when it turns bright red : peri
↓
(iii) For scotoma : "bright red all ē way"

Ctrl : 

→ Opthal : Automated field

macular – tip ⓞ lobe

[Menace – Blink response if dysphasia]

Pupils – XZ each eye – direct & consensual
Afferent pupillary defect : Elderly, trauma, demyelinat, Bn lesion
ACCOMODATION – dilate when shine on eye → ① look at ceiling ~ look at Rt/Lt
② look at my hand, look at my hand
(Fundoscopy – do last)

(I) Convergent/divergent squint → e.g. Lt VI palsy / cong

III, IV, VI – Eye movement – "Follow my finger" : pursuit
Must sort actively encourage

Saccade move (✓ pick up early i/nuclear ophthalmoplegia
– Supranuclear gaze palsy – Vertical / Downgaze
Lat " "

Conjugate
– (P) → cerebellar (dysmetria)
– brainstem → dysmetria

Nystagmus – horizontal – ① Vestibular sys ② CBL
vertical – ① Lower brainstem
Ass – Chiari malfn → downbeat ~

[Parinaud – impaired upgaze + convergence]

V — Sensat^{n} V_1, V_2, V_3 } Light touch + pinprick/°C

JPS → ear: point forwards or backwards

Corneal reflex (1st to disappear)
Jaw jerk "

Clench teeth
Open mouth

VII

Show teeth (X ask to smile — emotional)

VIII — Rub ear (distract^{n}) ↘ stay number
Weber's
Rinne's

IX, X — Uvula — lifting 'AH' → pulled to strong side
N. ambiguus

Gag reflex — both sides → post pharynx : IX, soft palate : V_3

Ask — ? feel the same on both sides

Cough-bovine (X ask to swallow water — aspirate)

Dysarthria — spastic (Bulbar palsy) — rigid (Parkinson's)

XII — Tongue — wasting / fasciculat^{n}
Movement — poke out, side to side
Strength — push to side cheek

XI (SCM) (& C2,3,4) — Turn Lt/Rt — feel contralat SCM

Neck flex^{n} — SCM mainly
ext — Trapezius "