



Body Mass Index

$$\frac{\text{Weight (kg)}}{[\text{Height (m)}]^2}$$



Calf Circumference

Weight and Weight Change

Nutritional Assessment

Mid Upper Arm Circumference

Skin Fold Thickness

Measure Waist Circumference



Arm Sling



Shoulder Splint



Humeral Splint



Ankle / Foot Splint



TYPES OF SPLINT



Tibia and Fibula Splint



Femoral Splint



Elbow splint



Knee Splint



Forearm Splint



Hand / Wrist Splint



Finger (self) Splint



Pelvic Splint



Under Supervision of

AI / Mohamed H Eid
Prepared By Group/ (F)

Course Coordinator:
Dr/Asmaa Mohamed

Head Of The Department:
Prof. Dr/Nahed Kandeel



Lip Color

Inspection



Jugular Venous Pressure



Capillary Refill



Nail Bed Color



Percussion of The Heart

Cardiovascular System Assessment

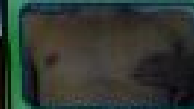
Course Coordinator:
Asst. Prof. Dr. Hani El Sayed
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Head Of The Department:
Prof. Dr. Mehmed Kandak

Prepared By G3-G4
Undersupervision of
Al Aya Ahmed Nassar



Carotid Artery



Apical Pulse

Palpation



Across The Sternum



Arterial Pulse



Heart Sounds

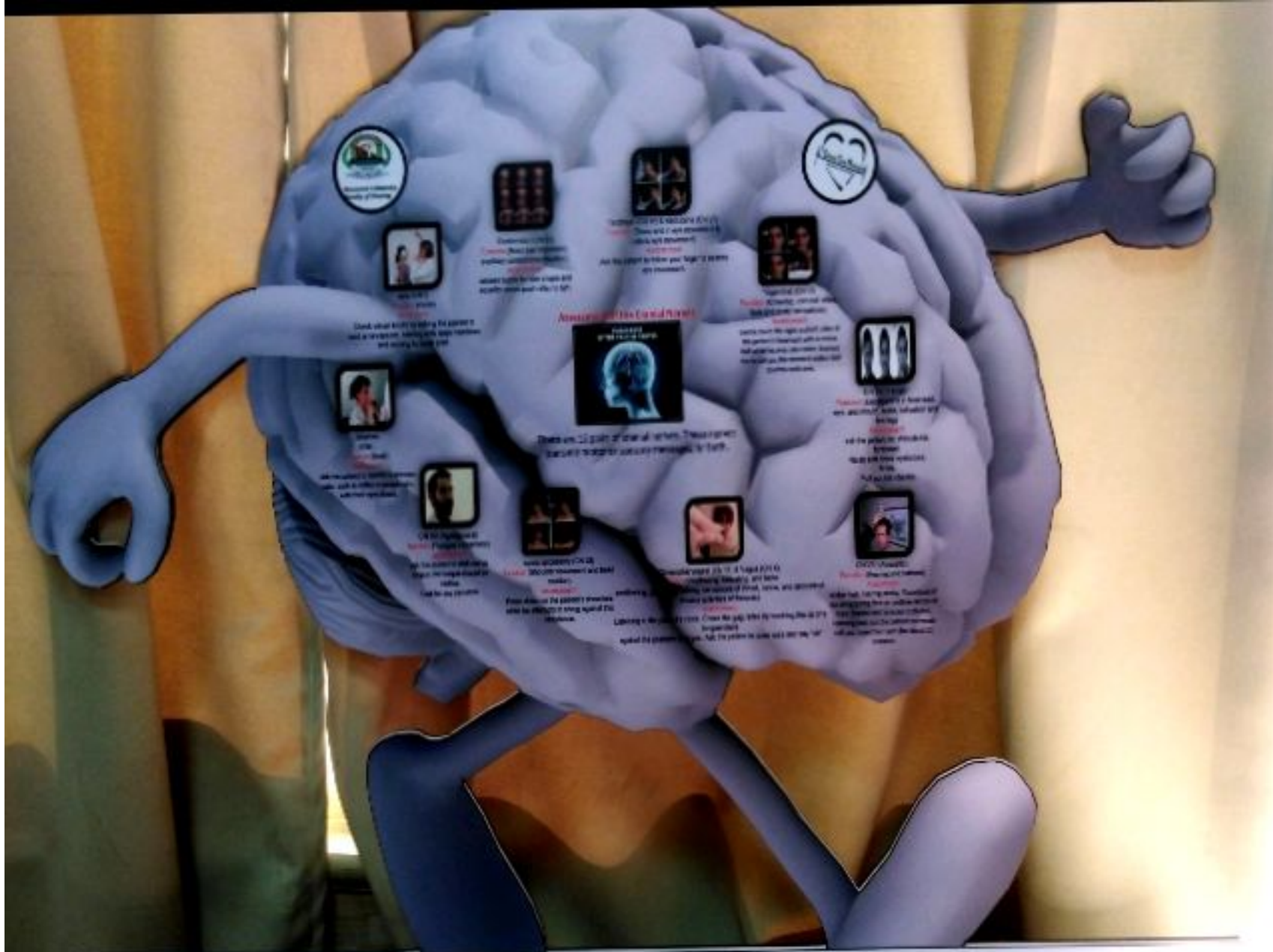
Auscultation



Carotid Artery



Patient Position
During Auscultation
Of Heart Sounds

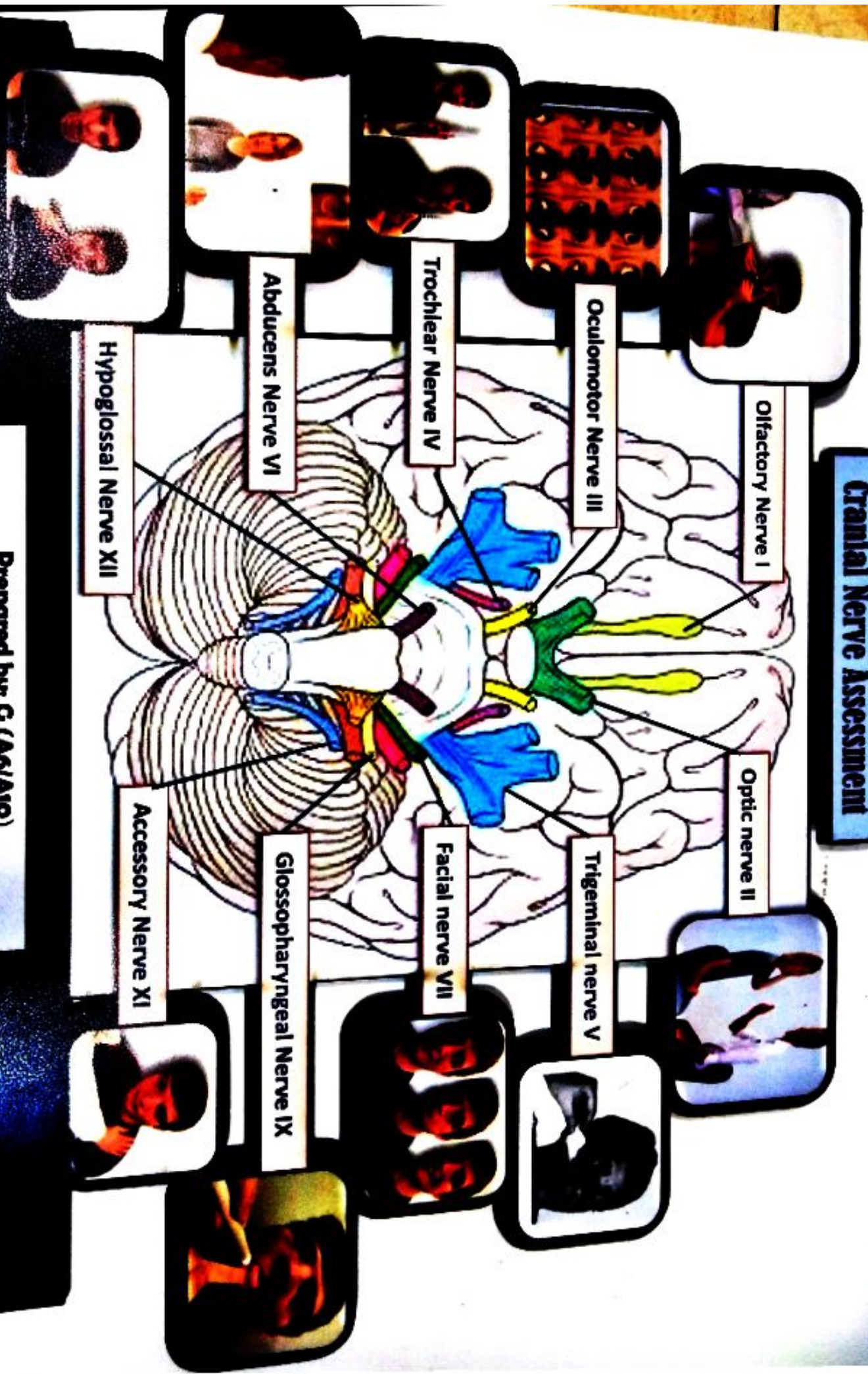


Head Of The Department:
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Course Coordinator:
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Cranial Nerve Assessment



Prepared by: G (As/AIO)

Undersupervision of : AL/ Nagwa Vahya



**Integumentary system
assessment**

**Inspect and Palpate the
Hair**

Assess the texture of the hair



Observe the hair color



**Assess the distribution of the
hair**



**Inspect and Palpate the
skin**

Assessing dryness & Texture



Assess for Edema



Assess Skin Thickness



Assess for Moisture



Assess the temperature



Inspect and Palpate the skin

Cyanosis



Pallor



Erythema

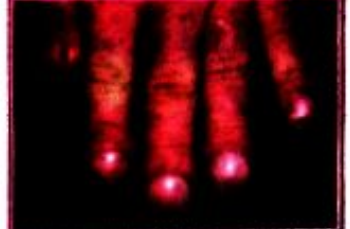


Jaundice



**Inspect and Palpate the
Nails**

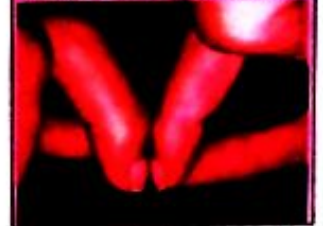
Assess the shape of the nail



**Assess the contour of the
nail**



abnormal clubbing test





Muscle Strength Assessment





Respiratory System Assessment

History Taking

Taking a record of present and past history of the patient

Cough and Expectoration

Orthopnea

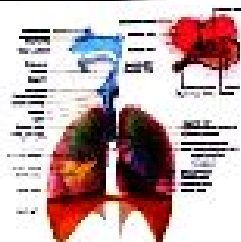
Stridor

Wheezes

Hemoptysis

Dyspnea

Chest pain



Inspection

Visual examination of the chest

Chest wall symmetry

Diaphragm excursion

Pyrexia of axilla

Respiratory rate and rhythm

Rhinorrhea and sputum

Stridor due to airway obstruction

Palpation

Palpation for tenderness

Tracheal deviation

Stridor due to airway obstruction

Percussion

Percussion of the chest

Percussion of the chest

Percussion of the chest

Auscultation

Check for breath sounds

Stridor due to airway obstruction

Under Supervision

Dr. Sara Sobh Mohammad

Head of the Department

Prof. Dr. Nahed kandeel

Prepared By Group:

B1 To B5



Cardiovascular System Assessment

History

History Taking is a collection of present, past and family history details.

Chest Pain

Dyspnea

Cough

Cyanosis and Pallor

Edema

Ask about

Any history of heart attacks, angina and rheumatic fever, or heart problems as a child.

- Hypertension, coronary heart disease, stroke, diabetes, congenital heart disease and any early deaths (before the age of 60) in the family.

Techniques of Physical Examination

Inspection

General Appearance

- Facial expression.
- Nutritional status.
- Emotional state.
- Color of lips and conjunctiva.
- Note skin color, temperature, turgor, and texture.
- Fingers clubbing.
- Presence of yellowish plaques on the eyelids (xanthelasma).

Clubbing of the nail

Xanthelasma

Neck and Jugular veins

- Observe carotid pulse.
- Measuring Jugular Venous Pressure (Normal JVP is less than 3cm)

Measuring Jugular Vein

Observe Carotid Pulse

Palpation

Pericardium

- Pericardial rub
- Friction rub
- Pericardial knock
- Pericardial friction rub

Auscultation

- Auscultate heart sounds, looking for the following:
- Mitral area.
 - Tricuspid area.
 - Pulmonary area.
 - Aortic area.

Heart sounds:

- S1 Closure of the mitral and aortic valves.
- S2 Closure of the aortic and pulmonic valves.
- S3 Flow of blood from ventricle to atrium.
- S4 Flow of blood from atrium to ventricle.
- Murmur Abnormality in timing and location during cardiac cycle.
- Friction rub Rubbing of pericardial surfaces.
- Pericardial knock Percussion sound.

Chest

- Look for the following:
- Pulsations.
 - Symmetry of movement.
 - Retractions.
 - Heaves.
 - Location of the apical impulse.

Extremities:

- Examine the extremities for:
- Arms equal in size.
 - Legs symmetry.
 - The abnormalities in Fingernails and toenails.
 - Capillary refill.

Prepared By Group B (6 & 7 & 8 & 9 & 10)

Under Supervision: **Dr/ Sara Sobh Mohammad.**

Course Coordinator: **Dr. Marwa Mahriz** Head Of The Department: **Prof... Dr. Nehed Yandeel**





Suction Device
جهاز التنظير



Suction Device





**Trauma
Room**




Critical Care Nursing
Mansoura University
Critical care & Emergency Nursing Department
Fourth Level- Second Semester 2021-2022
Prepared By/G1:G15
Under supervision/Dr:shimaa mohamed

