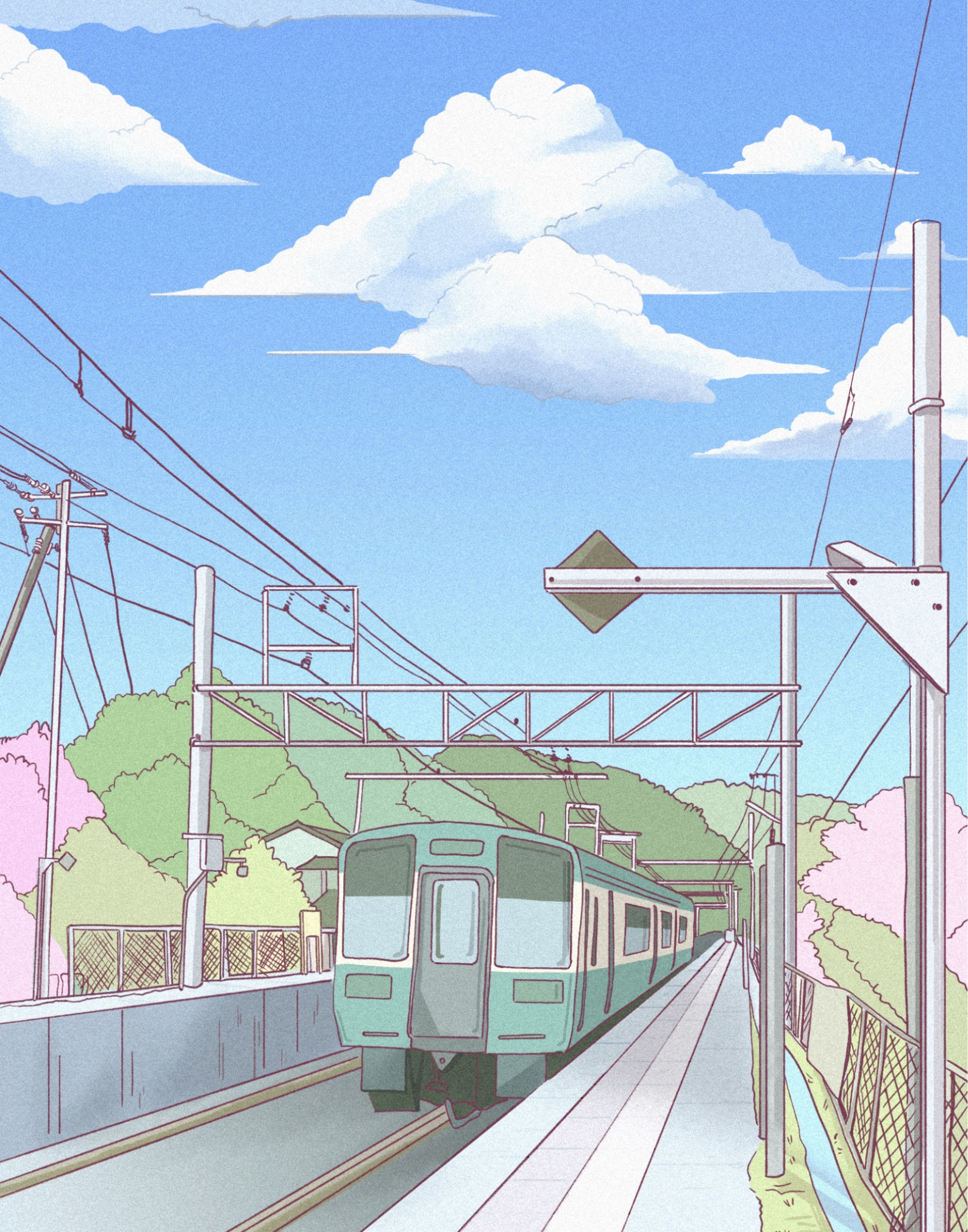
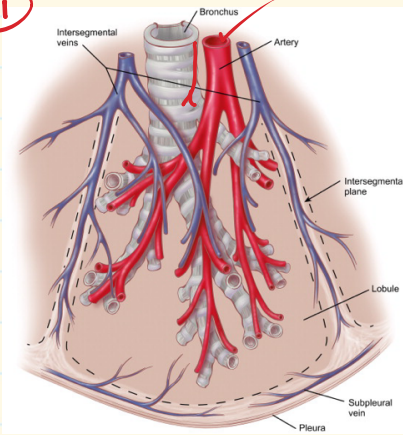




ANATOMY

①



② Erb's palsy → police man finger top

C5 - C6

③ Image + remnant → Nucleus pulposus

④ Image of hand → B

⑤ ophthalmoplegia, ptosis, facial pain → III, IV, V, VI

⑥ pyriiform sinus injury → Internal of Superior Laryngeal nerve

Physiology

- ① winter + shortened breath during exercise → Exercise induced bronchoconstriction triggered by cool air
- ② JVP Atrial → Absent A waves
- ③ myasthenia gravis → Autoantibodies blocking AChR → postsynaptic
- ④ Numbness arm + loss of sensation → A more sensitive than C fibers
- ⑤ ↑ altitude in mountain O_2 dissociation curve. →

BIOCHEMISTRY

- ① ↑↑↑ (TAG + chylomicraemia) + palmar xanthomas → Familial dysbetalipoproteinemia
- ② Breast feed + hepatomegaly (galactosemia) → Galactose - 6-phosphate ?
dehydrogenase
- ③ Lactic acidosis → Vitamin B₁
- ④ HgS + Hepatomegaly + Electrophoresis + anemia → Hydroxyurea
- ⑤ major I/c antioxidant → Glutathione
- ⑥ Assari + Image + Gen valgum → Skeletal fluorosis
- ⑦ Wilson disease dx Gold Standard → Liver copper quantitation
- ⑧ polished rice → Vitamin B
(vit E, vit C, vit B, vit A)
- ⑨ ↑ orotic urine + ↑ ammonia → OTC Deficiency
- ⑩ H/o lethargy, vomiting, poor feeding, ↓ glycemia, ↓ ketone → Fatty acid deficiency
- ⑪ Hepatomegaly + Abdominal distension, → Glycogen Storage Deficiency.
- ⑫ water for human consumption → cadmium - 0.3 mg/L

PATHOLOGY

- (1) Coagulation + Hyperlipidemia + ACS pt → Blue ? Purple ?
 ↓ ↓
 Congestive HF Complete profile
- (2) Klinefelter → 47XXY
- (3) Proapoptotic ⇒ Bax
- (4) Knee Swelling (N) PT = ↑ APTT → Hemophilia
- (5) Pedigree [□] → Adopted son
- (6) Black macules on lips, mucous → Peutz-Jeghers syndrome
- (7) CD markers → CLL ⇒ CD5+, CD23+
- (8) Anaplastic large cell lymphoma → T(2;5)
- (9) Paint H/O ⇒ Lead poisoning
- (10) Barrett's esophagus → Squamous → intestinal columnar with Goblet cells
- (11) Bernard-Soulier syndrome → gB1b1g defect
- (12) Congo red staining → Amyloidosis
- (13) cerebellar hemangioblastoma + RBC → 13q Deletion
- (14) Cri-du-chat - Syndrome
- (15) HNPCC → mismatch repair DNA
- (16) Image → mature teratoma
- (17) Marfan Syndrome → Fibrillin-1 (FBN1)
- (18) C/F → Marfan Syndrome

PATHOLOGY

- ① Mesothelioma, Cement Industry → Asbestosis
- ② Sand mining + Inge → Silicosis
- ③ PAP smear → 95-ethanol
- ④ SOD1 Gene → Amyotrophic lateral Sclerosis
- ⑤ IDA, Dysphagia → Plummer Vinson Syndrome
- ⑥ Kaposi Sarcoma → purple red, elevated lesion

Pharmacology

- ① Stress + worklife balance + 150/95 → Telmisartan
- ② Chronic KD + Anemia → Darbepoetin alfa
- ③ 70 kg + 3 hrs → 100 ml/kg → 1670 ml/min
- ④ abortive tic + cluster → Verapamil
- ⑤ 3P + DI (Dx) → Desmopressin
- ⑥ Peptic ulcer Tx → omeprazole + metronidazole + clarithromycin
- ⑦ peptic ulcer + severe arthritis → Celecoxib
- ⑧ HTN + proteinuria + CKD → Telmisarta
- ⑨ RHD + aneurysm → Aspirin lifelong
- ⑩ Asthma + ICL-LABA + no improvement → ↑ICS
↑ICS,
- ⑪ Achilles tendon + Antibiotic use → inhibition DNA gyrase
- ⑫ parodontoma → Bromocriptine
- ⑬ HTN + tachycardia + ARD Tx → ?
 - a) ↑BP + ↓CO
 - b) ↓BP + ↓CO
 - c) ↓ peripheral vascular resistance ↑CO
 - d) ↓ peripheral vascular resistance, ↑BP
- ⑭ palpitation, tremor, dry mouth → Physostigmine
Tx

(15) Cetirizine + allergic + sleepiness → Fexofenadine

(16) Malaria complicated + Resistant → Artesunate

(17) Black Discoloration + Buccal cavity → Amphotericin B

(18) Aspergillus tx → Voriconazole

(19) H/O MI + recurrent occur + HTN → ?

(20) Psychiatry pt + mydriasis, dry mouth → Bentraxophine

(21) Pulmonary fibrosis ca tx → Bleomycin

MICROBIOLOGY

- ① Crushed ping pong ball → pneumocystis jirovecii
+ Image + HIV
- ② 1st appear + act fastest → IgM
- ③ Chocolate agar → Haemophilus Influenzae
- ④ Farmer + Fever, malaise, Diarrhea → Coxiella burnetii
- ⑤ Forest tip + Fever + Black eschar → Doxycycline
- ⑥ Image of mouth white lesion + Candida → SDA (Sabouraud Dextrose Agar)
- ⑦ HIV + 22 x 11 size → Cystoisospora belli
- ⑧ Salad + milk & milk product → Staphylococcus
- ⑨ Tampon for an extended period → Toxic shock syndrome
- ⑩ Hand foot mouth Disease → Coxsackievirus
- ⑪ Umbilication over trunk & face → molluscum contagiosum
- ⑫ Trunk smear → multinucleated → HSV
- ⑬ Eye c/f + poor water → Acanthamoeba
- ⑭ Nigeria → united → 17D
- ⑮ HPV infection → oropharyngeal ca

FORENSIC MEDICINE

- ① Two Summon → murder case
- ② Cheery red spot + gas → CO poisoning
- ③ 111 BNS → 7 yrs.
- ④ water in lung, stomach → wet drowning
- ⑤ Bomb blast + Ear pain + got injury → 1"
- ⑥ Blast + Crushed lower injury by people → 3" / 4" ?
- ⑦ opioid antidote → Naloxone
- ⑧ multiple injury of child → Battered baby syndrome
- ⑨ pinpoint pupils + ↓ Breathing → opioid while doing mn of hospital
- ⑩ 3 days alcohol withdrawal → Delirium tremens.
- ⑪ chop wound which instrument mostly → axe + Description.

ENT

- ① Dazzling Image → Total maxillectomy
- ② High pitch → External SLN
- ③ Image Abscess → Zygomatic abscess
- ④ Image → Orbital blowout #
- ⑤ tip of uncinate → Near middle turbinate
- ⑥ H/o Fall bleeding in ear IOC → CT Temporal bone
- ⑦ High Frequency loss → Presbycusis
- ⑧ Image + Facial Pain + DM + Black → Rhino orbital Cerebral mucormycosis
- ⑨ Image  → Tympanogram, Type AS
- ⑩ Stridor + No intubated max → Cricothyrotomy

OPHTHALMOLOGY

- ① Image of lens → Herbert's pits
- ② optic chiasmia → B/Lt hemianopia
- ③ Image → Astigmatism
- ④ Complaints of flashes & Flashes → Rhegmatogenous Retinal detachment
- ⑤ Pain + Redness + ↓ vision + mid dilated pupil shallow → Acute congestive glaucoma
anterior chamber
- ⑥ painless ulcer + Branching ulcer → Dendritic ulcer / Fungic ulcer.
- ⑦ painful lid swelling → pus point ⇒ Meibomium / Zeiss gland ?
- ⑧ Pupillary reflex - ?
- ⑨ Image Band → Argyll Robertson's pupil.
- ⑩ Image + light reflex → 90° prism Exotropia
- ⑪

Community MEDICINE

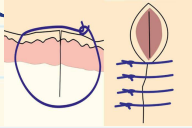
- ① Nurse → vital monitor, Bed preparation → work sampling
- ② Last birth of 1st child birth in Nuclear Family → Complete Extension
- ③ Cotton Swab → yellow non-chlorinated
- ④ 1 year before Stop Anti leprosy → Start New regimen
- ⑤ Open vial policy → Discard Penta, MR used
- ⑥ BCG vaccine but No Scar? → Reassure
- ⑦ Aarogya mandali → Food
- ⑧ Consult to psychiatry pt → Tele Manas
- ⑨ Burns 25% of body according ESI Act →
- ⑩ Incidence & prevalence $\Rightarrow 2 \geq 1.2$
- ⑪ 105 mmHg 95% → 85 - 125
- ⑫ Factory office 20 → Retrospective cohort
- ⑬ - Two different groups Before & after → Unpaired t test
- ⑭ Secondary prevention → Cervical cancer.
- ⑮ vaccine, gender, pain → Nominal, Nominal, Ordinal
- ⑯ Batya ↑↑ → Exogamy
- ⑰ HTN + Group which pattern → Tracking the blood pressure
- ⑰ Langelier Saturation → water balance (Scaling vs Corrosion)

- ① Speech on a common topic → Symposium
- ② ANM waste management true statement → ? open vikal → Blue
- ③ Family planning & maintain record → multiple workers -
- ④ Fever # → Stable → Triage → yellow
- ⑤ measles type of → Live vaccine
- ⑥ H/o high grade fever, chills, macular rash → Dengue hemorrhagic fever

MEDICINE

- ① Loud S₁ + mid diastolic murmur → Mitral stenosis
- ② GBS → Demyelination Aβ fibres
- ③ CIF → Pheochromocytoma
- ④ Multiple myeloma → Albumin + β₂ microglobulin
- ⑤ Subclavian catheterisation + pneumothorax.

SURGERY

- ① Image of burst → Cooper's ligament
- ② Liver left hemihepatectomy → 2, 3, 4(a & b)
- ③ Damage Control Surgery → patient selection, control hemorrhage, Resuscitation, Definitive Sx, Abdominal closure
- ④ Image of ulcer → Venous ulcer
- ⑤ Varicose vein Image → Great Saphenous vein
- ⑥ Image of Suture → Simple Interrupted Suture

- ⑦ Scrotal swelling, painful, red, irreducible → Strangulated hernia
- ⑧ Chylolympatic cyst 8cm tx → Enucleation
- ⑨ lap Cholecystectomy After 4 days fluid → USS with percutaneous drainage
- ⑩ Lesion in duodenum, nodule appear, → Gastrin (Tx)
- ⑪ Gastrochole Image tx → Cover with gauze & shift to ICU
- ⑫ Image of hernia → umbilical hernia
- ⑬ 20% burns + parkland equation + After 6 hrs → Give a bolus + RL 10%.
- ⑭ Cremasteric reflex absent → Exploration of testis (dx torsion)
- ⑮ Normal CT + Head injury + 3hrs after died → Diffuse axonal injury what could be reason for it

- (16) Tension Pneumothorax $\rightarrow$ 2nd Mid Intercostal Decompression
- (17) Hashimoto thyroiditis $\rightarrow$ Anti TPO
- (18) medullary thyroid Ca $\rightarrow$ RET protooncogene.
($\uparrow\uparrow$ calcitonin)
- (19) Esophageal varices $\rightarrow$ Endoscopic ligation
- (20) T₄ $\rightarrow$ Arch of aorta
- (21) CHF $\rightarrow$ Deletion on 3p
- (22) Split thickness skin grafting $\rightarrow$ Continue psychotherapy $\cup$ Intervention
- (23) massive Blood transfusion $\rightarrow$ Hypocalcemia
- (24) Frey's Syndrome $\rightarrow$ Sweating & Flushing

OBG

- (1) Image → Hegar Sign
- (2) variable deceleration → cord compression
- (3) OCP Not protective → CA Cervix
- (4) Suspected ET + HCG → y8 has Hcg
- (5) 1st amenorrhea, absent uterus, ybxy → Androgen Insensitivity Syndrome
- (6) Best screening & Co test → PAP + HPV
- (7) IUCD Absolute CI → undiagnosed AUB
- (8) Recurrent endometriosis, tubal ligation done → Hysterectomy + Bil Salpingoectomy
- (9) MECI for OPC pills → HIV
- (10) Partogram → Alert line → oxytocin / ARM
- (11) PPH after vaginal delivery → Balloon tamponade
Initial mxx
- (12) Face PP - Diameter → Submento-bregmatic
- (13) HMB + Endo hyperplasia IOL → Hysteroscopy + Biopsy
- (14) Early pregnancy, spotting, missed → CRL → 7mm No Fetal tone
- (15) Fetal anemia Dx + artery? → MCA Doppler
- (16) Placement Vacuum cup → 3cm from posterior fontanelle
- (17) Image of cervix → modified Shirodkar

OBG

- (18) Shoulder dystonia → McRobert's maneuver
Initial procedure
- (19) Image + C/F → uterine inversion
- (20) Bishop Score system → ?
- (21) Image of Breast → Estrogen
- (22) 2^o amenorrhea, E+P -ve → Asherman Syndrome
- (23) Image of Labour → to prevent perineal tear
- (24) Mullerian Anomaly Image → complete atresia (partial of paramphoson duct)
- (25) placenta adherent to uterus → placenta percreta
Invading to bladder

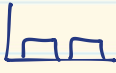
PEDIATRIC

- ① 1:1:1 ratio + No family Hx → Constitutional delay of growth & puberty
- ② DM + 24 hrs of life $< 35 \text{ mg/dL}$ → Administer 1x glucose + Recheck glucose after 20
- ③ CLF → Down syndrome
- ④ 12 months milestone → mature pinch grasp
- ⑤ Newborn baby care "mother" kangaroo → Giving bath of baby immediately
- ⑥ Pneumonia question → Severe pneumonia
- ⑦ Cystic fibrosis CLF → Sweat chloride test
- ⑧ ↑ Conjugated bilirubin, dark coloured → Biliary atresia.
- ⑨ Tanner II & pubarche 2 Next development → growth spurt (velocity of height)

ORTHOPEDIC

- ① Fracture + 3rd day got ↓ Breath H/O → Fat embolism
- ② Neck # of Femur m.m → Internal Fixation
(Image) 20 yrs old
- ③ Image + Femur # → Intertrachanter #
- ④ Dorsiflexion injury inversion + eversion → Common peroneal palsy
+ till toe flexion
- ⑤ Image of jointer Device → ulnar Nerve
- ⑥ Image Foot → Navicular
- ⑦ Humus # of Shaft + CF → Radial Nerve
- ⑧ Image Knee + O → Brodie abscess
- ⑨ Anterior drawer test Image → ACL
- ⑩ Image + marks which part foot drop → Between Tibia + fibula location

ANAESTHESIA

- ① Proseal + Image + Balloon nasex → To prevent aspiration
- ② Pre operative risk of → arrhythmias
③ Elective surgery plan 24 hrs
HTN, DM, arrhythmia, ?
- ③ malignant Hyperthermia → Ca^{+} ↑ release from Sarcoplasmic Reticulum
statement true
 Ca^{+}
RyP
sarcoplasmic
- ④ Image of (N)  ? → $ETCO_2$
- ⑤ Laparoscopic appendicectomy → No attendant need for the home care

DERMATOLOGY

- ① Image of child → SSSS
- ② Border T + allergy + → Type 1, Greater auricular Nerve
Image
Type 1, GAN, Type 2 GAN, Type 1 AunION, Type 2 AUN
- ③ Image + Drug H/O + Explanation → Desquamation of same side
of lesion how it appear

RADIOLOGY

- ① Linear ray produce → x-rays
- ② Image of xray lower abdominal → x-ray KUB ? (IVP)
- ③ Image of xray → Ureterocele
- ④ Image of Bio radiation recycle symbol 
- ⑤ Image of CT scan of skull → SAH
- ⑥ Image of breast → mammogram
- ⑦ xray Image → TOF
- ⑧ Electron volt →

PSYCHIATRY

- ① Work life balance → Adjustment Disorder
- ② very rich + tell him by his known person → Delusion of grandiosity
- ③ Hyperactivity, ↓ sleep, Excessive Spending → BP 1 with manic episode
- ④ Continuous bed urine → Behavioural therapy (Bed alarm)
- ⑤ Recent earthquake + personal Information not remember → Dissociative amnesia