**Supplement 1. Final diagnosis/assessments.**

1. **Heart circulation**

 1) Myocardial infarction 2) Unstable angina pectoris 3) Stable angina pectoris

2. **Heart arrhythmia**

 1) Atrial fibrillation 2) Atrial flutter 3) Palpitation 4) Brady-tacky syndrome

 5) Abnormal heart rhythm 6) Asystole

3. **Heart (other)**

1) Heart failure 2) Heart disease 3) Aortic stenosis

4. **Circulation (artery)**

1) Hypotension 2) Arterial insufficiency 3) Occlusion in an artery 4) Hypertension

 5) Atherosclerosis 6) Amputation

5. **Circulation (vein)**

1) Deep vein thrombosis 2) Thrombophlebitis

6. **Airways (upper and pharynx)**

1) Tonsillitis 2) Pharyngitis 3) Upper airway infection 4) Vocal cord dysfunction

7. **Airways (lower)**

1) Bronchitis 2) Respiratory insufficiency 3) Chronic obstructive pulmonary disease 4) Pneumonia 5) Pulmonary fibrosis 6) Pneumo-thorax 7) Pulmonary sarcoidosis

 8) Pulmonary embolism 9) Asthma 10) Pulmonary oedema

8. **Neurology (circulation)**

1) Transient ischemic attack 2) Stroke

9. **Neurology (other)**

1) Paresis in hand 2) Epilepsy 3) Parkinson’s disease 4) Neuralgia 5) Multiple sclerosis

 6) Hydrocephalus 7) Degenerative heart disease 8) Dementia 9) Disturbance in skin sensibility

10. **Ventricle - Intestines (oesophagus, ventricle)**

1) Oesophageal varices 2) Gastric ulcer 3) Oesophagitis 4) Haematemesis

 5) Oesophageal stricture

11. **Ventricle - Intestines (gut below ventricle)**

1) Duodenal ulcer 2) Subileus 3) Diverticulitis 4) Enteritis 5) Gastroenteritis

 6) Ileus 7) Gastrointestinal bleeding 8) Crohns disease 9) Gastritis 10) Appendicitis

 11) Pseudo ileus 12) Abscess 13) Fistula

12. **Liver - choledochus**

 1) Cholangitis 2) Liver cirrhosis 3) Choledocholithiasis 4) Gallstone 5) Cholecystitis

6) Pancreatitis 7) Biliousness

13. **Urethra (kidney, ureter)**

01) Kidney stone 2) Pyelonephritis 3) Hydronephrosis 4) Renal failure

 5) Pyelitis 6) Catheter in the urinary tract (PNP) 7) Renal colic 8) Nephritis

14. **Urinary tract (Urinary bladder, ureter)**

1) Cystitis 2) Urinary infection 3) Epididymitis 4) Urinary retention 5) Urinary catheter insertion 6) Dysuria 7) Iatrogenic urethral injury

15. **Gynecology**

 1) Gynecology exam. 2) Menstruation 3) Uterine prolaps 4) Ovarian cysts

16. **Systemic diseases**

1) Autoimmune diseases 2) Rheumatoid arthritis 3) Rheumatism 4) Gout 5) Osteoporosis

17. **Endocrinologic diseases**

1) Diabetes mellitus 2) Hypoglycemia 3) Hyperglycemia

18. **Cancer**

1) Lymphoma 2) Brain tumour 3) Tumour 4) Papillary cancer 5) Other tumour

 6) Metastasis from lung cancer 7) Myeloma 8) Lung cancer 9) Colon cancer

19. **Benign tumours**

 1) Benign spinal tumour 2) Pancreatic cysts

20. **Allergy**

1) Sensitive to bee stings 2) Allergy

21. **Electrolyte imbalance, vitamin deficiency, over- underhydration, anaemia**

1) Ascites 2) Hyponatremia 3) Dehydration 4) Hypervolemia 5) Anaemia 6) Vitamin D deficiency 7) Oedema 8) Rhabdomyolysis

22. **Psychological diseases**

1) Anxiety 2) Mental disorder 3) Crisis response 4) Confusion 5) Psychiatry

 6) Schizophrenia 7) Psychosis 8) Bipolar disorder 9) Dependent on mental care 10) Panic disorder 11) Anxiety disorder 12) Hallucinations 13) Alcohol dependence 14) Depression 15) Intoxication 16) General psychiatric disorder

23. **Trauma**

1) Dislocation 2) Contusion 3) Referral x-ray 4) Wound 5) Fracture 6)Concussion

 7) Distortion 8) Traffic accident 9) Serom 10) Observation after accident 11) Wound rupture 12) Damage 13) Cases of trauma 14) Cast problem

24. **Orthopedics, infection**

1) Bursitis

25. **Orthopedics, degeration**

 1) Herniated disc 2) Lumbago 3) Sciatica 4) Suspected spine disease 5) Disc compression

26. **Ears, nose**

1) Epistaxis 2) Labyrinthitis

27. **Eyes**

 1) Macular degeneration 2) Strabismus

28. **Infection (system impact)**

1) Infection 2) Sepsis 3) Wound infection 4) Arthritis 5) Fever 6) Viraemia 7) Flu

 8) Calici 9) Bacteraemia

29. **Symptoms and conditions**

1) Pain 2) Abdominal pain 3) Dizziness and balance problems 4) Dyspnea 5) Back pain 6) Cramps 7) Chronic pain 8) Headache 9) Pain knee 10) Myalgia 11) Obstipation

 12) Stupor 13) Unconscious 14) Chest pain 15) Fainting 16) Diarrhea 17) Vomiting

 18) Nausea 19) Cough 20) Musculoskeletal pain 21) Cervicalgia 22) Bone pain

 23) Joint pain 24) Hiccup 25) Hematuria

30. **Other judgements**

1) Circadian rhythm disorder 2) Unclear 3) The occurrence of disease 4) Premature departs 5) Out patient clinic 6) Referral 7) Lethargy 8) Incisional reduction

 9) Abdominal wall hernia 10) Malaise 11) Missing 12) Social failure 13) No treatment

 14) Tietzes syndrome 15) Inguinal hernia 16) Waran bleeding 17) Observation

 18) Dead on arrival 19) Sleep disorder 20) Multiple disease 21) Physically abused

 22) ECG 23) Drug side effect 24) Erysipelas 25) Complications of internal prosthetis

 26) Diaphragmatic hernia 27) Gastric retention 28) Salivary gland inflammation

 29) Cardioversion