

# Nurse Education on DVD

This series of videos form part of an ongoing project developing video based material for nurse education.

1. **Cardiovascular A + P**, heart physiology, blood vessels, arterial disease, microcirculation, lymphatics.
2. **Shock**, the causes and treatment of shock.
2. **Haemorrhage**, the causes and treatment of haemorrhage
3. **Blood groups**, blood groups, blood transfusions.
3. **Health advice**, health advice in the West
4. **Skin A + P, immunity, infectious disease**, innate and acquired immunity.
4. Inflammation
5. **Wound healing**, types of wounds and implications for wound management and good healing.
5. **Diabetes part 1**, the nature of diabetes mellitus.
6. **Respiratory A + P**, anatomy and physiology of the respiratory system.
6. **Hypoxia**, causes and treatment of hypoxia.
7. **Nutrition**, essential dietary components.
7. **Metabolism, malnutrition**, utilisation of foods in the body for energy production. The effects of malnutrition illustrated in cases from India.
8. **Bereavement**, (Dennis Donald) how to help people who have been bereaved, contains plenty of practical advice.
8. **Anaphylaxis**, the theory and treatment of this rare but life threatening condition.
9. **Nervous system A + P**, neurones, reflex arc, synapses, gross anatomy, protection of CNS, autonomic NS
10. **Pain**, pathophysiology of pain and relation to prevention and treatment.
10. **Diabetes II, homeostasis**, diabetes mellitus additional material to disk, physiological concept of homeostasis.
11. **Endocrine System**, anatomy and Physiology of the endocrine glands with an introduction to endocrine disorders, examples of clinical cases of people with endocrine disorders.
12. **Gastrointestinal A + P**, anatomy and physiology of the digestive system.
13. **Ischaemic heart disease**, coronary heart disease followed by a review of cardiopulmonary resuscitation.
- 14 **Genetics**, monohybrid autosomal and sex linked inheritance with worked clinical examples.
15. **Cell biology**, cell structure and function under the light and electron microscope.

15. **Diffusion and osmosis**, processes of diffusion and osmosis with physiological examples.
16. **Urinary System**, anatomy and physiology
16. **Urinary system** anatomy and physiology continued
16. **Acute renal failure**, nature and management of acute renal failure
17. Clinical procedures, male catheterisation.
18. **Trauma**, priorities in care, ABCHHFO, blunt and penetrating abdominal injuries, chest injuries with particular reference to chest drainage,
18. **Head injuries**, particular reference to Glasgow coma scale.
19. **Thermoregulation and hypothermia.**  
Thermoregulation  
Introduction 4mins 18sec, heat gain 15-19, physics of heat 5-00, body temperature 28-48, temperature detection 4-40, thermoregulation 47-00  
  
Hypothermia  
Definition 2-07, causes 14-36, assessment 3-48, clinical features 24-37, management 30-10, complications 10-15, health promotion, 2-06, induced 2-22, health and the weather 5-25.
20. **Blood**, composition and functions of the blood.
20. **Anaemia.**
21. **Cancer**, nature of the disease and its possible causes followed by nursing management
22. **Respiratory disorders**, asphyxia,
22. **Asthma**,
22. **Smoking**
23. **Basic human biology**, anatomy and tissues - a discussion of the four basic types of tissue.
23. **Basic body structure**, skeletal system
24. **Respiratory system infections**, broncho and lobar pneumonia.
24. **Alcohol drinking.**
25. **Bronchitis and emphysema**, acute bronchitis followed by a more detailed talk on chronic bronchitis and emphysema.
25. **Oxygen therapy.**
26. **Jaundice**, covers normal and altered physiology, principles of management and nursing care,
26. **Writing for publication/CV writing**, i. a review of advice on writing articles. ii. How to prepare a CV.
27. **Complications of immobility**, a review of the complications which may occur, their prevention, early recognition and treatment
28. **Pressure sores**, a review of the causes and prevention of pressure sores

29. **Bony injuries**, discussion on fractures and their complications, management principles are discussed
26. **Bony X Rays**, various fractures.
30. **Pre and post operative care**, an interview followed by a systematic review of this area of nursing care.
31. **ECG Rhythms and life support**, i. review of normal and abnormal ECG rhythms, (sinus, arrest causing, atrial arrhythmia's and heart blocks). ii. review of Basic Life Support procedures. iii. review of advanced life support, cardiac and respiratory.
32. **Fluid and electrolyte balance**, normal physiology and some abnormal states of fluid and electrolyte balance.
32. **Infections of the gastrointestinal tract.**
33. **Pharmacology**, i. a review of basic applied pharmacology ii injections
34. **Research**, Research and the Nursing process (10 mins 10 secs), A process of Research (16 mins 50 secs), Reliability, Validity and Bias (4 mins 25 secs), Clinical Trials (20 mins 40 secs), Results, p Values and Ethics (14 mins 40 secs), Descriptive Statistics (59 mins 37 secs), Different Approaches to Research (19 mins 30 secs),
34. **Critique of Published**, (38 mins 45 secs)
35. **Blood pressure** - Introduction 14 mins 15, Factors determining normal BP 7 mins, Homeostatic control of BP 33 mins 38, Normal wave form 1 min 53, Recording BP 30 mins 51,
35. **Hypertension**, 1 hour 13 mins 46
- 36 **Peripheral vascular disease**, A review of peripheral arterial and venous disease, starting with arterial and going on to venous disease. Introductory anatomy and physiology 8`48, Angeography 5`19, Aetiology 9`58, Clinical features 38`37, Treatments 15`20, Acute limb ischaemia 20`05, Normal venous return 29`34,
36. **Chronic venous hypertension**, 29`34, Pathology of CVH 23`38, Clinical features 8`45, Aetiology and treatment of CVH.