

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
 DIPLOMA NURSING PROGRAM
 YEAR 2, SEMESTER 3
 PATHOLOGY and THERAPEUTICS
 REGULATION: TEMPERATURE

SEPT 1983

| OBJECTIVES | CONTENT GUIDE | LEARNING ACTIVITIES |
|---|--|--|
| 1. Describe health problems, related to temperature, which are common to Canadians. | Hypothermia -neonatal (cold stress) -exposure, frost bite Heat Stroke Infections (see protection) | Study assignments for this unit: Kozier & Erb, <u>Fundamentals of Nursing</u> pp. 166, 201, review 240-2, 248-9, 251 & 381-392. Waley and Wong, <u>Nursing Care of Infants, and Children</u> pp. 60, 242, 314-5 (sensation of heat) Reeder et al, <u>Maternity Nursing</u> , pp. 19, 348, 445-6 |
| 2. Describe ineffective responses related to temperature | Hypothermia, Hyperthermia Sensory changes -"aches" -sensorium changes -convulsions -malaise -during anaesthesia stet | |
| 3. Relate ineffective temperature responses to the common health problems of Canadians. | | See Obj. #1 & 2 |
| 4. Describe the stimuli which commonly result in adaptive and ineffective responses related to temperature. | Infectious agents (see protection) Environmental temperature Dehydration Head Injury | |

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| 5. Explain the relationship of the stimuli to the adaptive and ineffective responses of Canadians with common problems related to temperature. | Fever -adaptive -ineffective Temperature to touch Color Perspiration Eyes Chills; "goose bumps" chattering teeth Pulse Respirations Blood Pressure Heat production Heat loss | |
| 6. Describe the temperature functions which are affected by adaptive and ineffective responses and the related stimuli. | | |
| 7. Identify the diagnostic measures related to temperature. | Temperature | |
| 8. Describe the use, actions and side effects of medications which promote adaptation related to temperature. | | See drug list under temperature-antipyretics See drug text. |
| 9. Describe the application of heat and cold as therapeutic measures. | Hot water bottle Ice pack Compress Sitz bath Electric pad Cooling & warming blankets Radiant heater Incubator Heat lamp | |
| 0. Discuss current areas of research related to temperature | Therapeu hypothermia Therapeu hyperthermia -cancer | |

SAULT COLLEGE NURSING PROGRAM
BIO 200 - PATHOPHYSIOLOGY AND THERAPEUTICS
YEAR II, SEMESTER III
UNIT: 11 - Endocrine

SEPT. 1983

Pituitary adrenal and thyroid disturbances PART D

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| OBJECTIVES | CONTENT GUIDE | LEARNING ACTIVITIES |
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| 7. Explain the diagnostic measures used in identifying common endocrine problems. | protein analysis of urine - 24 hour hydroxycorticoids - 24 hour ketosteroids test for thyroid function | |
| 8. Describe the use, actions and side effects of medications which promote adaptation related to endocrine problems. | | see drug list and text |
| 9. Describe therapeutic measures initiated by other health care professionals in promoting adaptation of Canadians with common endocrine problems. | Thyroidectomy Parathyroidectomy Adreualectomy | |
| 10. Describe potential ineffective responses to therapeutic measures. | Thyrotoxicosis (thyroid storm) | |

