**Student Workbook**

180-401, Winter 2023

**Communicable Diseases**

**Class objectives**

1. Distinguish between common childhood illnesses (Varicella, Fifth Disease, Measles, Rubella & Hand-Foot-Mouth), including the following information: source, transmission, incubation and period of communicability.
2. Identify and explain nursing assessments and nursing interventions (including teaching) associated with each childhood illness.
3. Describe the medical management of each childhood illness.
4. Discuss the relationship between immunizations and reduced incidence.
5. Describe the role of the nurse in prevention of communicable disease.
6. Identify factors related to parental reluctance to immunize their child.

**Resources**

* Perry Chapter 35, p. 1016-1027, and Chapter 37, starting on p. 1088
* Public Health Agency of Canada [www.publichealth.gc.ca](http://www.publichealth.gc.ca/)
* MSSS (Quebec) [www.msss.gouv.qc.ca](http://www.msss.gouv.qc.ca)
* Centers for Disease Control and Prevention <https://www.cdc.gov/>
* World Health Organization <https://www.who.int/>
* Merck Manuals Professional <https://www.merckmanuals.com/professional>
* Any other reliable sources (to be discussed with teacher PRN)

**Watch video before class**

<https://www.youtube.com/watch?v=zBkVCpbNnkU>

**Communicable Diseases Tables**

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| --- |
| **Chickenpox (Varicella)** |
| Pictures (including references) | Name of virus |  |
| Source |  |
| Transmission  |  |
| Incubation |  |
| Period of Communicability |  |
| Clinical Manifestations |  |
| Therapeutic Management  |  |
| Complications |  |
| Nursing Care |  |
| Teaching |  |
| Immunization Available | * Yes
* No
 | Which One (if applicable):  |
| Immunization calendar (if applicable):  |
| Reference(s) |  |

|  |
| --- |
| **Erythema Infectiosum (Fifth Disease)** |
| Pictures (including references) | Name of virus |  |
| Source |  |
| Transmission  |  |
| Incubation |  |
| Period of Communicability |  |
| Clinical Manifestations |  |
| Therapeutic Management  |  |
| Complications |  |
| Nursing Care |  |
| Teaching |  |
| Immunization Available | * Yes
* No
 | Which One (if applicable):  |
| Immunization calendar (if applicable):  |
| Reference(s) |  |

|  |
| --- |
| **Measles (Rubeola) in French: Rougeole** |
| Pictures (including references) | Name of virus |  |
| Source |  |
| Transmission  |  |
| Incubation |  |
| Period of Communicability |  |
| Clinical Manifestations |  |
| Therapeutic Management  |  |
| Complications |  |
| Nursing Care |  |
| Teaching |  |
| Immunization Available | * Yes
* No
 | Which One (if applicable):  |
| Immunization calendar (if applicable):  |
| Reference(s) |  |

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| --- |
| **Rubella (German Measles) in French: Rubéole** |
| Pictures (including references) | Name of virus |  |
| Source |  |
| Transmission  |  |
| Incubation |  |
| Period of Communicability |  |
| Clinical Manifestations |  |
| Therapeutic Management  |  |
| Complications |  |
| Nursing Care |  |
| Teaching |  |
| Immunization Available | * Yes
* No
 | Which One (if applicable):  |
| Immunization calendar (if applicable):  |
| Reference(s) |  |

|  |
| --- |
| **Hand-Foot-Mouth** |
| Pictures (including references) | Name of virus |  |
| Source |  |
| Transmission  |  |
| Incubation |  |
| Period of Communicability |  |
| Clinical Manifestations |  |
| Therapeutic Management  |  |
| Complications |  |
| Nursing Care |  |
| Teaching |  |
| Immunization Available | * Yes
* No
 | Which One (if applicable):  |
| Immunization calendar (if applicable):  |
| Reference(s) |  |