

HEOC 372 - Intravenous Therapy Course Outline

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SECTION A

Unique ID Number CCC000215552

Discipline(s) Health Care Ancillaries

Division Health Occupations

Subject Area Health Occupations

Subject Code HEOC

Course Number 372

Course Title Intravenous Therapy

TOP Code/SAM Code 1260.00 - Health/Medical Preparatory Programs, Other* /
C - Occupational

Rationale for adding this course to

- H. Identify three clinical situations where you would suspect a patient may be at risk for fluid/electrolyte imbalance.
- I. Name four methods of transport across the semi-permeable cell membrane.
- J. List five indications for IV therapy.
- K. Identify the differences between isotonic, hypotonic and hypertonic solutions and give two examples each.
- L. Name three ways to identify veins vs. arteries.
- M. Identify three reasons why you might use a butterfly versus an angiocath when starting an IV.
- N. Identify three benefits to using the angiocath.
- O. Identify two reasons you would use an IV pump.
- P. Identify two situations where you would use a microdrip tubing vs. macrodrip. Why?
- Q. Describe infection control guidelines pertaining to IV therapy/venipuncture.
- R. Know your workplace policy regarding IV site care and who may do what with central lines.
- S. Describe the potential clinical findings that could be observed when caring for a patient receiving IV therapy.
- T. List five nursing responsibilities related to the care of the IV system.
- U. Under direct supervision by an instructor, demonstrate appropriate technique for:

- choosing a venipuncture site,

- cleansing the skin,

- choosing an appropriate IV device,

- venipuncture with an angiocath,
- dressing an IV site,
- flushing a peripheral lock,
- hanging IV fluid as ordered and calculating drip rates, and
- discontinuing IV therapy and angiocath.

28. Identify the signs, symptoms and usual treatment of four local complications of venipuncture and IV therapy.

29. Identify the signs, symptoms and usual treatment of four systemic complications of venipuncture and IV therapy.

