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## Standard of Practice: Intravenous Therapy

### Standard of Practice

When performing intravenous therapy, naturopathic doctors must do so in a safe, competent and ethical manner.

### Introduction

A complete list of restricted activities is found in the *Government Organization Act S.7.1*. Restricted activities authorized for naturopathic doctors are listed in the *Naturopaths Profession Regulation*. Naturopathic doctors are granted the restricted activity of administering a needle or cannula below the dermis for the purpose of providing intravenous therapy.

This standard is intended to outline how naturopathic doctors can provide safe, competent and ethical care, when performing intravenous therapy for a patient.

### Definitions

**Competence:** the combined knowledge, skills, attitudes and judgement required to provide professional services, defined in the *Health Professions Act*.

**Intravenous therapy:** initiating, administering and terminating the application of substances for therapeutic benefit through intravenous infusion.

**Patient medical record:** an account or evidence of documented patient findings, assessments, diagnoses and treatments.

**Restricted activities:** indicated activities performed as part of providing a health service that require specific competencies and skills to be carried out safely. Restricted activities are not linked to any particular health profession and a number of regulated health professionals may perform a particular restricted activity. A complete list of restricted activities is found in the *Government Organization Act S.7.1*. Restricted activities authorized for naturopathic doctors are listed in the *Naturopaths Profession Regulation*.

**Standard of Practice:** an authoritative statement that describes a minimum required behaviour of every naturopathic doctor and is used to evaluate individual conduct. Naturopathic doctors should always strive to practice above the minimum standards. Performance below the minimum standard may result in disciplinary action.

### Naturopathic doctors demonstrate this standard of practice by:

1. only performing intravenous therapy with authorization by the Registrar and in accordance with any restrictions or provisions required by the Registrar;
2. ensuring that all required qualifications to perform intravenous therapy are current, in accordance with the **CNDA Continuing Competence Program Rules**;
3. having skills and knowledge of:
  - a) theory and principles of intravenous therapy,
  - b) assessment and diagnosis,
  - c) how to prepare intravenous solutions with acceptable osmolality,

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- d) calculations of appropriate rates of infusion,
  - e) treatment techniques, and
  - f) indications and contraindications;
4. ensuring proper documentation of intravenous therapy treatments in the patient medical record in accordance with the **CNDA Standard of Practice: Records Keeping** and must include:
    - a) vital signs,
    - b) intravenous solution concentration and osmolarity,
    - c) infusion rate,
    - d) intravenous administration site,
    - e) size and type of needle or cannula used,
    - f) state of needle or cannula when removed, and
    - g) state of patient upon conclusion of treatment;
  5. ensuring proper labelling of the IV bag to include:
    - a. concentration and volume of each substance added to the bag;
    - b. date and time the bag was drawn up;
    - c. name of person who drew up the bag;
    - d. patient's name;
    - e. carrier solution;
  6. ensuring written protocols are in place and followed when collaborating with another regulated health professional within a clinic/health care setting as per the **CNDA Standard of Practice: Collaboration in Patient Care** and **CNDA Standard of Practice: General**;
  7. having knowledge of and performing intravenous therapy in accordance with the following CNDA standards:
    - a) **CNDA Standard of Practice: General**,
    - b) **CNDA Standard of Practice: Consent**,
    - c) **CNDA Standard of Practice: Collaboration in Patient Care**,
    - d) **CNDA Standard of Practice: Duty to Report**,
    - e) **CNDA Standard of Practice: Clean Needle Technique**,
    - f) **CNDA Standard of Practice: Emergency Readiness**, and
    - g) **CNDA Standard of Practice: Infectious Disease Prevention and Control**;
  8. complying with **CNDA Standard of Practice: Intravenous Chelation Therapy** when administering intravenous chelation therapy;
  9. complying with **CNDA Standard of Practice: Ozone Therapy** when administering intravenous ozone;
  10. having knowledge of and applying the principles of the **CNDA Guideline: Collaboration in Patient Care**;
  11. complying with supervision requirements as set out in the *Naturopaths Profession Regulation*, when supervising another naturopathic doctor performing this restricted activity.

### Expected Outcomes

Patients are satisfied that:

- naturopathic doctors perform intravenous therapy safely, competently and ethically.

## Related Documents

*Government Organization Act*

*Health Professions Act*

*Naturopaths Profession Regulation*

CNDA Code of Ethics

CNDA Continuing Competence Program Rules

CNDA Standard of Practice: Records Keeping

CNDA Standard of Practice: General

CNDA Standard of Practice: Consent

CNDA Standard of Practice: Collaboration in Patient Care

CNDA Standard of Practice: Duty to Report

CNDA Standard of Practice: Clean Needle Technique

CNDA Standard of Practice: Emergency Readiness

CNDA Standard of Practice: Infectious Disease Prevention and Control

CNDA Standard of Practice: Intravenous Chelation Therapy

CNDA Standard of Practice: Ozone Therapy

CNDA Guideline: Collaboration in Patient Care in a Shared Healthcare Setting

