



**NATUROPATHIC MEDICINE COMMITTEE
IV THERAPY SUBCOMMITTEE
MEETING MINUTES**

November 13, 2019

MEMBERS PRESENT: Dara Thompson, ND, Chair
Vera Singleton, ND
Virginia Osborne, ND

MEMBERS ABSENT: None

STAFF PRESENT: Rebecca Mitchell, Executive Officer (EO)
Sabina Knight, Esq., Legal Counsel

MEMBERS OF THE AUDIENCE: None

Agenda Item 1 Call to Order/Roll Call/Establishment of a Quorum

Dara Thompson, ND, Chair, IV Therapy Subcommittee of the Naturopathic Medicine Committee (NMC), called the meeting of the IV Therapy Subcommittee to order on November 13, 2019, at 1:04 p.m. A quorum was present and due notice was provided to all interested parties.

Agenda Item 2 Public Comment for Items Not on Agenda

There were no public comments for any items not on the agenda to discuss.

Agenda Item 3 Discussion and Possible Recommendations Regarding IV Therapy Regulations:

a. Education and Training

Discussed within the Certification for IV Therapy: Basic and Advanced practice of IV Therapy (sec. b. below).

b. Certification for IV Therapy: Basic and Advanced practice of IV Therapy

The subcommittee members discussed the training requirements for basic versus advanced practices for IV therapies during this meeting, please see more about this under sec. d, shown below.

c. Safety Requirements

For the practice of IV therapy, all subcommittee members agreed that there must be at least two (2) individuals (one (1) naturopathic doctors (ND), and one (1) naturopathic assistants (NA), and/or one (1) staff member) who are certified in cardiopulmonary resuscitation (CPR).

Dr. Osborne recommends that if a naturopathic medical office offers IV therapy, all medical and non-medical staff should be trained in CPR. In addition, she recommended that the ratios should be one (1) trained ND and one (1) trained medical staff per every ten (10) patients actively receiving IVs. All subcommittee members agreed.

Dr. Osborne shared a sample list of safety items that should be required in order to provide IV therapy. Dr. Osborne stated that there are both required and recommended items on the list. After the Subcommittee reviewed and discussed the list, the following recommendations were added to the IV therapy safety protocol list:

Sample Emergency Kit Language

(a) Any naturopathic practice that provides intravenous (IV) and injection therapy services shall have an emergency kit available. Each emergency kit is required to contain

1. Oxygen tank and flow meter
2. Mask, cannula, and tubing
3. Oral airway device
4. Blood pressure cuff
5. Stethoscope
6. Additional IV fluids, tubing, and needles
7. Glucose tabs or equivalent
8. Gloves, gauze bandages, tape
9. Required medication to include
 - a. Epinephrine, 1:1000 for intramuscular, subcutaneous, and intravenous use
 - b. Dextrose, 50% for injectable use
 - c. Calcium Gluconate or Calcium Chloride, 20% 10 mil pre-fill syringes
 - d. Diphenhydramine,
 - i. Adults: 25-50 mg q 4-8 hours, not to exceed 400 mg/24 hours
 - ii. Children: 5 mg/kg q 6-8 hours, [(not to exceed ____?)]
 - e. Ammonia salts (smelling salts)

(b) Additionally, the following items are required to be within the clinic's premises

1. Emergency AED Defibrillator / Defibrillator
2. Backboard

Members agreed to edit the following from the original list:

- Laryngoscope (remove from list) – Thompson
- Find generic name for “Airways” – per legal opinion
- Backboard and defibrillator is not part of kit but must be on premises – Osborne
- Glucose tabs (add “or equivalent”) – Thompson
- In Sec. b, remove recommendation regarding Rescue Remedy and high-protein snacks, juices, and crackers. This will be added to a best practices section on the Committee’s website. – per legal opinion
- In addition to removing Sec. b, use non-brand name for Rescue Remedy (i.e., herbal flower remedy). – per legal opinion
- Reorder the list to add clarity (i.e., stethoscope and BP cuff should be listed subsequently. – Thompson

In addition to the suggested recommendations, it was also recommended that language pertaining to the use of bulk drugs vs. patient specific prescription drugs be added to the IV therapy regulations and language that “*licensees shall abide by all state and federal pharmacy laws*”. Although, this should be common knowledge, the subcommittee feels that it is important to include the language in the regulations to help further clarify the IV therapy regulations, and to ensure the highest quality of safe naturopathic care is provided. The subcommittee also suggests that the Board of Pharmacy’s (BOP) website address be linked to our website to encourage licensees to use the resources that BOP makes available.

d. Use of Ozone, PRP, Micro-needling (advanced therapies)

The subcommittee members agreed that in addition to the basic IV therapy training, advanced training requirements will need to be met in order to perform ozone, platelet-rich plasma (PRP), micro-needling, and chelation therapies.

Dr. Thompson researched the standards of training requirements for each of the above therapies. All members agreed that advanced training courses must meet a certain number of instruction hours in addition to meeting a specific curriculum.

Agreeing mostly with the original recommendations from the 2007 chelation blueprint, the subcommittee proposed that any ND wishing to independently perform IV chelation complete a 12-hour continuing education course, as specified below, in addition to the basic IV therapy course. There was a minor change in the breakdown of hours, with additional hour to be used in instruction and not in the examination time.

In addition, Dr. Osborne suggested using the “method of action” instead of “MOA” and to include the “Route of Administration” just to further clarify.

IV EDTA of chelation is to be used only for heavy metal detoxification, unless under the auspices of an IRB-approved research protocol. All members agreed that the EDTA subject matter be broadened to include DPMS, DMSA, and/or any equivalent agent.

Prerequisites:

- Maintain a current and valid license to practice naturopathic medicine in California.
- Successful completion of a 25-hour IV therapy course (as approved by the Committee)

Advanced Chelation therapy training should include:

Content	Hours
Introduction	1.0
<u>EDTA, DPMS, DMSA, and/or equivalent agent</u> <u>Method of Action (MOA)</u> <u>Route of Administration</u> Toxicology Adverse Reactions	2.5
Osmolarity and pH	0.5
<u>EDTA, DPMS, DMSA, and/or equivalent agent</u> Indications Benefits Contraindications Value Added Benefits of IV Admixture	<u>2.0</u>
Chelation Patient Qualification Optional Testing Dosage and Frequency of Therapy	1.0
Office Procedures and Documentation	1.0
Patient Care Costs, Management, Case Presentations, Resources	3.0
Certification Exam	<u>1.0</u>
Total Hours	12.0

All members agreed to the following:

- Ozone therapy:
 - 12-hour ozone therapy course required
- PRP therapy:
 - Must have basic PRP training (injectable sterile preparations, etc. (6.0 hours)).
 - Each specific route of administration will require additional training specific to that route (scalp injection vs. interarticular injection, etc. additional training hours will be required).
 - Additional hours will be determined after speaking to the subject matter experts on the articular injections.
- Micro-needling therapy:
 - 4 hours of training for micro-needling technique.

In addition, the following should include:

- Instructional hours, and
- Practicum hours
- Extra training for specific area (location of administration)

Agenda Item 4 Review and Approval of Meeting Minutes:

a) May 6, 2019 Meeting Minutes

The Subcommittee reviewed the May 6, 2019 meeting minutes. The minutes were approved with amendments.

Motion – Thompson / Second – Osborne, to approve the 05/06/2019 meeting minutes as submitted. Roll call vote taken, motion carried 3-0-0. (YES – Thompson, Singleton, Osborne/ NO – none / Abstentions – none).

b) July 15, 2019 Meeting Minutes

The Subcommittee reviewed the July 15, 2019 meeting minutes. The minutes were approved with amendments.

Motion – Thompson / Second – Singleton, to approve the 07/15/2019 meeting minutes as submitted. Roll call vote taken, motion carried 3-0-0. (YES – Thompson, Singleton, Osborne/ NO – none / Abstentions – none).

Agenda Item 5 Establish Future Meeting Dates and Locations

- Send survey out for future meeting date

Agenda Item 6 Agenda Items for Future Meetings

The following are items that were requested to be added to future meetings:

- Sample Language Review

Agenda Item 7 Adjournment

There being no further business or public comment, Dr. Thompson adjourned the meeting at 1:58 p.m.