



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

**July 15, 2019**

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

**MEMBERS ABSENT:** None

**STAFF PRESENT:** Rebecca Mitchell, Executive Officer (EO)  
Salwa Bojak, 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 July 12, 2019, at 12:06 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***

Copies of the naturopathic schools' pharmaceutical curriculums were provided to the subcommittee members, along with lists from NABNE NPLEX showing the minor office procedures, and drug classifications that NDs are both trained and tested on prior to licensure.

**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 section 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. Thompson requested Dr. Osborne put together the list of safety items that should be required in order to provide IV therapy. Dr. Osborne stated that there can be required and recommended items on the list. The following were recommended to be added to the IV therapy safety protocol list:

<b>Required Items (medications)</b>	Epinephrine (for IM, Subq, and IV use)
	Diphenhydramine (injectable and oral use)
	Calcium Gluconate or Calcium Chloride 20% (10 mil pre-fill syringes)
	Dextrose (injectable and oral use)
	Emergency AED Defibrillator / Defibrillator
	Oxygen
	Water
<b>Highly Recommended Items</b>	Rescue Remedy
	High protein snacks

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. She suggested that advanced training courses must meet a certain number of instruction hours in addition to meeting a specific curriculum.

Further, in 2007 a chelation blueprint was established by the original advisory committee. It was recommended in that blueprint 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. IV EDTA of chelation is to be used only for heavy metal detoxification, unless under the auspices of an IRB-approved research protocol.

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:

<b>Content</b>	<b>Hours</b>
Introduction	1.0
EDTA MOA Toxicology Adverse Reactions	2.5
Osmolarity and pH	0.5

EDTA Indications Benefits Contraindications Value Added Benefits of IV Admixture	1.0
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	2.0
<b>Total Hours</b>	<b>12.0</b>

All members wanted to review the original blueprint and decide whether to use or edit it during the next meeting.

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.

**Agenda Item 4                      Establish Future Meeting Dates and Locations**

- Send survey out for future meeting date

**Agenda Item 5                      Agenda Items for Future Meetings**

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

- Articular Injections

- Chelation Therapies

**Agenda Item 6                      Adjournment**

***There being no further business or public comment, Dr. Thompson adjourned the meeting at 1:03 p.m.***