

Program Schedule:

Time	Academic Hours	Practical Hours	Content
			Friday – Day One
8:00 – 9:00	1.0		Introduction: Dry needling for chronic pain
9:00–11:00	2.0		Rethinking Chronic OA, CRPS, Spinal Radiculopathy, Chronic Tendinopathy, WAD, Post-Concussion: Pathophysiology of the nervous system in chronic conditions
11-12	1.0		Defining Primary and Secondary Pain Classifications. Nociceptive, Nociplastic, Neuropathic
12:00-1:00			Lunch break
1:00 – 4:30	.5	3.0	Methods for evaluating primary and secondary pain classifications: QST, Neural tension tests, Psychosocial battery, CST, LANSS: Informing the application of dry needling practice.
4:30-6:00	1.5		Safety review and update for dry needling practice
			Saturday - Day Two
8:00-9:30	.5	1.0	Dry needling mechanisms influencing chronic pain mechanisms.
9:30 –11:30	2.0		Autonomic regulation and dry needling: What, where, and how
11:30-12:30			Lunch
12:30-1:30	1.0		Vagus nerve innervation field (sensory) and relevance to chronic pain neurology and its application to chronic pain
1:30-2:30		1.0	Application of sensory stimulation to the Vagus nerve using electrical stimulation. Lab
2:30-3:30	.5	.5	Quantitative Sensory Testing- Assessing central and peripheral connections
3:30 – 6:00		2.5	Introduction to clinical case studies: Identifying using patient data and linking to identify the chronic pain mechanisms. and how dry needling influences outcomes. (Lab)
			Sunday-Day Three
8:00-10:00	2.0		Differences and similarities in pain presentations between the athletic and geriatric populations.
10:00–12:00	1.0	1.0	Patient case study presentations from an expert’s point of view
12:00-1:00	1.0		Working lunch- administration, needling supplies, legislative, marketing
1:00-3:00	1.0	1.0	Student development of patient (their actual patient example) plan a care for the application of dry needling intervention at multiple stages of the plan of care. Practice techniques.
3:00-5:00		2.0	Practical examination presentations and demonstration of dry needling applications
Subtotals	Academic	Practical	
	15.0 hours	12.0 hours	
Total Hours	27		