

Validity
Dan Murphy, DC, DABCO
12 Hour-One Day Seminar Outline 2018

Saturday	Start time 8:00 am End time 8:45pm
Registration	7:30AM-8:00AM
Identifying the primary healthcare issues in America today	8:00AM-9:00AM (Special Population Care)
An overview of our current healthcare delivery system -Concepts in improving America's healthcare	9:00AM-10:00AM (Special Population Care)
Break	10:00AM-10:15AM
Adenosine Triphosphate (ATP) -Discuss the importance of ATP in human physiology -Learn key physiological functions of ATP	10:15AM-11:15AM (Instruction in Basic Sciences)
Discuss problems with inadequate production of ATP	11:15AM-12:15PM (Instruction in Basic Sciences)
Mitochondria -Discuss the importance of the mitochondria in health and disease -Discuss the relationship between the mitochondria, free radicals and ATP	12:15PM-1:15PM (Instruction in Basic Sciences)
Laser Photon Therapy -Discuss the relationship between mitochondria, free radicals, ATP cytochrome c oxidase enzyme, and laser photon therapy	1:15PM-2:15PM (Instruction in Basic Sciences)
Break	2:15PM-2:30PM
Laser Physiology -Discuss the biphasic nature of laser photon therapy, wavelengths, amperage, penetration, secondary and primary physiological influences	2:30PM-3:30PM (Instruction in Basic Sciences)
Brain function: trauma, degenerative, vascular	3:30PM-4:30PM (History Taking & Physical Examination Procedures)
Systemic wellness and peak performance (up-regulation)	4:30PM-5:30PM (Chiropractic Adjustive Technique)
Chronic low back pain	5:30PM-6:30AM (Chiropractic Adjustive Technique)
Break	6:30PM – 6:45PM
Acute whiplash	6:45PM-7:45PM (Chiropractic Adjustive Technique)
Scar tissue and the fibrosis of repair	7:45PM -8:45PM (Chiropractic Adjustive Technique)p