

Global Summit on **PHYSIOLOGY AND METABOLISM OF THYROID**

April 18-19, 2023 | Webinar

Forensic aspects of hypoglycemia 5 2020 – 2023 Endocrinology update**Derek C Beatty***Edinburgh University, Scotland*

Purkinje cells are specialized brain cells. There are no Purkinje cells in our legs and feet. Sensory nerves are at higher risk of damage in people with Diabetes leading to diabetic neuropathy. Patients lose sensation in their lower extremities making them vulnerable to injury and they don't feel the pain. That can lead to severe damage and because of high blood glucose, wounds get difficult to heal. Gas and gangrene develop, and this leads to the only resort being amputation and life change challenge. Many other Endocrine Patients are also at risk. Diet, lifestyle, mental health, clinical treatment with Insulin of Diabetes and Hydrocortisone in Thyroid Disease, including Addison's Disease, plays an important role in patient welfare. Tragically many patients die young or go through life suffering from the old Victorian Stigma of being tainted by having to treat an incurable illness. This is not a joke as suggested in September 2006 in ignorance by a Hertfordshire Insurance Broker describing Diabetes with Neuroglycopenia as a Joke and Nonsense. This caused Obstructed Justice in Law of a critical life-threatening complication of Diabetes and Endocrinology Disease in Hypoglycaemia Unawareness and now in 2023 Otitis Externa and Osteomyelitis as disclosed in a tragic young law student death with likely clinically undiagnosed Otitis Externa and Osteomyelitis. A patient requiring clinician prescribed Insulin justifies clinical respect and understanding in English Law which has been misunderstood since 1994 with sad consequences in this investigation. In 1994, 1995 and 1996 a deceased Police Surgeon and GP in St Albans and an NHS GMC Registered GP along with other GP's at Harvey House NHS GP Practice, St Albans and operating from St Luke's Parish Church Hall, Bricket Wood, St Albans, it is alleged obstructed justice in a serious way detrimental to Public Health Interest in England in cover up of Gross Medical Negligence in Public Office and in breach of the Health and Safety at Work Act 1974 causing injury by failure to diagnose and treat PTSD Injury when missed opportunities arose to do so on many occasions since 1994. Today in recovering and managing the Covid-19 Pandemic of 2020 we move forward with new welfare ideas. It is a delight to be able to share some latest forensic work for future research based on 44 years T1 Diabetes experience including Purkinje Cell environmental welfare.

Biography

Derek Beatty gained his BSc in Biological Science & Business Studies, Edinburgh University, 1972, and Diploma in Marketing, Slough College, 1977. He has been a Director of Aston Clinton Scientific Ltd since 1997 supplying respiratory nebulisers and specialising in diabetes and medical devices. In 2022 Derek Beatty is exploring opportunities to help future generations benefit from his knowledge and experience to help save lives and remains interested in immunogenic issues associated with endocrinology. Hopefully one day there could be a cure for Diabetes and other similar Endocrine illness.