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## Diabetes and Covid-19 Pandemic - A T1 Patient Perspective – Derek C Beatty

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## 1. History

A patient treated and cared for by NHS Scotland and NHS England the author has in his 44 years T1D Diabetes journey experienced surgery provided by the NHS by way of Vitrectomy, Ophthalmic laser and correction, and Orthopedic knee correction following a balance issue associated with IV antibiotic treatment for Otitis Externa and Osteomyelitis associated with long term T1 Diabetes with neuropathy. Interestingly IV antibiotic treatment led to glycaemic issues offering explanation as to why on occasion glycaemia abnormalities can occur with antibiotic treatment for infection. Further research in this area is required and offers likely reasons why with sneaky infections like Covid-19 and similar infection risk BG Blood Glucose levels can fluctuate with greater risk of exposure to infection. Interestingly 4 days after the first vaccination of a Covid-19 vaccine the author suffered a serious retinal ophthalmic blood clot, possibly caused by raised BG after the Covid vaccine which contains a little of the infection virus to create a resistance to future infection. Other patients treated with Covid vaccinations have reported similar and tragically some have died.

The author self-treated the ophthalmic haemorrhage by diligently wearing an OLED light mask delivering light into the retina to keep the rods and cones active during sleep at night for a year resulting in injury correction.

**1.1. WW2: In May 1945 when peace returned to the UK after WW2** an immediate need was identified to incorporate a National Health Service leading to its incorporation in spring 1948 of the NHS granted by Parliament and emerged as we see it today as a global entity of health and welfare with foundation copied and transferred to many countries throughout the World. We owe it to future generations to maintain this excellent image and at the same

time address and correct errors in the past to provide a better future vision for future generations.

**1.2. Aberfan: On 21 October 1966, a coal slip buried a primary school and houses in Aberfan, South Wales, killing 116 children and 28 adults. Here is how the catastrophe that almost wiped out an entire generation in the Welsh village unfolded was in 2006 reported by Lydia Batham.**

In 1966 the coal mining industry was the major producer of energy in the UK with coal mines throughout Wales, Scotland and England. The waste from mining at the time was dumped into tips or mounds which were common throughout the UK in mining towns and villages. When the mud slide on the morning of 21 October 1966 caused by reckless building of the tip which with rain absorption collapsed rolling down onto the village of Aberfan hitting first the school causing deaths of 116 children and 28 adults. Today 56 years after the tragedy many of the survivors have never recovered the mental health and PTSD scars that the tragedy has left with the village. Those who lost their lives must never be forgotten and remain cherished in the memories of Aberfan.

**1.3. Health and Safety:** Safety issues investigated after the event by Public Inquiry led to the Health and Safety at Work Act 1974 designed to protect lives and prevent negligence in everyday life in the UK. Those in public services, in a company or commercial environment, in a public environment, sometimes at home, owe a legal public duty of care to others, especially anyone vulnerable, and risk exposure to breach of Civil or Criminal Law in the event of failure to act responsibly in an emergency.

**1.4. Diabetes UK Wales:** Has in recent years performed an admirable job in creating awareness of education, understanding, teaching in schools and awareness in colleges and universities of issues

associated with health risks surrounding patients with diabetes and especially children with T1D and their parents. That said much more needs to be done specially to address the mental health issues of diabetes associated with Hypoglycaemia, Hyperglycaemia, Neuroglycopenia.

## 2. Covid -19 Pandemic

A few years before Covid-19 March 2020 the author attended an All-Party Diabetes Meeting at the Scottish Parliament with which he has been involved for some time as a member of Diabetes UK when the work of Diabetes UK Wales was eloquently presented by representatives and speakers from Diabetes UK Wales. The issues discussed after the presentation left an important image with the author on how so much more needs to be done to remove the stigma associated with Diabetes, T1D and T2D, in the UK and in many other countries, and now to enable us to move forward from the challenge that Covid-19 has caused and to share human needs information to eliminate certain aspects of stigma carried forward from war experiences in the Boer War; WW1; WW2; Korea; Falklands; Iraq; Afghanistan; and now Ukraine. The tragic issue of Harold Shipman in Hyde, Manchester, has left a serious stain and misunderstanding of certain health issues managed by NHS England and other parts of the UK leaving the GMC General Medical Council in its charity function at a crossroads between Protecting Patients and Protecting the Patients allocated to the Care of prescribing General Practitioners the majority of whom do a fantastic job in addressing the welfare of patients in the community and Clinicians in Hospitals. Support from nursing staff is also admirable. The challenge of Covid-19 Pandemic has been the biggest challenge faced by the NHS in the UK since its incorporation in 1948. When errors occur the inbuilt belief indoctrinated in society from the late 1880's and thereafter that the 'Doctor is Always Right' in today's society leaves the Police, the Courts and the Legal Profession in a curious situation where the Police may advise and recommend errors in practice be referred to the GMC, General Medical Council, the challenge to a patient, and their family, in itself can easily lead to a patient view of just giving up, accepting errors occurred, and having to accept that blame cannot be addressed with loss recovery. This is sad when deaths occur which may have been avoided. For those left behind understanding the cause of tragedy is important for families, friends and colleagues. Hopefully the UK Covid Public Inquiry and Covid-19 Inquiry Scotland will address the experiences suffered by so many. Memories can never be lost, perhaps a clearer understanding of cause may be of comfort to many left behind so we learn for the future.

In 1974 Statute Law in the Health and Safety at Work Act 1994 become a statute tool available to patients who face challenges in life caused by legal and healthcare misunderstanding, ignorance, and determined to cover up past errors made either accidentally or by ignorance and lack of education and understanding when prescribing MCA Medicine Controlled Agency drugs and medication

by registered GMC Clinicians.

The Insulin Debacle is a typical example of such conduct experienced by the author and some other patients.

Insulin was discovered and used to treat the first T1D Diabetes patients in Toronto, Canada in early 1922. The World's First Diabetes Hypo Event occurred in early 1922 when Dr Joe Gilchrist experienced low blood glucose Hypoglycaemia with Convulsions and Seizure, described at the time as like but NOT drunkenness. Police and Clinician at the event identified the Hypo Event as a Clinical and Medical Event requiring Glucose treatment to raise the Low BG Hypo state of less than 4.0mmol/l, possibly 2.0 – 3.5 mmol/l back to Normoglycaemia of around 5-7 mmol/l. Had the patient state not been treated then at less than 1.5mmol/l it is likely the patient would have slipped uncontrollably into a Diabetic Unresponsive Coma and Died. Today in the UK with 4.9 million Diabetes Patients, a mixture of T1 and T2 we must as a Society address this as a Human Society Issue to be addressed in Parliament and Lacuna Law investigated to enable Bills to be placed with Parliament to address past errors to protect lives and society welfare.

## 3. Diabetes

The Author was diagnosed with T1D Insulin Dependent Diabetes in 1978. Insulin treatment commenced early 1979. He met his first wife shortly after diagnosis and treatment start who had been diagnosed with Addison's Disease a few years earlier in Australia. Treatment with Porcine Insulin was successful despite the daily challenge of managing a chronic health disorder and illness on a daily basis every day and night.

**Addison's Disease** is an Endocrine health disorder, discovered 1860, named after Thomas Addison, which today requires daily medication of Hydrocortisone, is incurable, and certain events can cause Addisonian Crisis or Adrenalin Crisis requiring Red Alert Medical Emergency Care usually by Paramedic Ambulance attendance.

**Diabetes T1D and T2D** are both Endocrine Clinical Medicine Health Disorders. Before 1921 no treatment was available with slow death following diagnosis. Insulin was discovered 1921, Banting, Best and MacLeod, Toronto. In 1922 first patients were treated with insulin. Success with Leonard Thompson led to rapid treatment of other T1D patients in Toronto then in the USA, UK, Denmark, and globally. The world's first Diabetic Hypoglycaemia Event occurred with Dr Joe Gilchrist, Toronto, early 1922 when the patient suddenly became acute Hypoglycaemia with Convulsions and Seizure when Toronto Police were called to attend. The patient was promptly treated with glucose and rest and the Event recorded as a Clinical Medical Event and NOT interpreted as convulsions and seizure sometimes misrepresented as drunkenness which clinically it is NOT, unless before the event the patient had consumed excess alcohol, a separate matter, described in case studies 'Forensic Aspects of Hypoglycaemia' Marks, 2019 and in many clinical papers previously published.

#### 4. Diabetes Hypoglycaemia

The author experienced near fatal Diabetes Hypoglycaemia event on 23 February 1994 at 6.30pm witnessed by those present and two Police Constables who advised the patient to get into his car and get a Chinese carryout for an evening meal, the worst thing the patient should have done with potential further injury to himself and others! This event is confirmed on Police Records, Hertfordshire, from 23.2.1994. Advice shortly later by the village Police Constable advised the author on how to investigate insulin license issues with discovery that BHI Human Insulin was licenced by the MHRA on 26 August 1982 to be marketed in the UK through the NHS following clinical trial of around 300 patients. Advice was provided in license approval that patients transferred from treatment with porcine or beef insulin that dose be reduced by 20% and patients with advice to GP's to arrange supply of BG Blood Glucose test device with test strips and educate patients and carers to achieve glycemic stability. This did not happen.

Investigation has identified Alleged Perverted Justice and court misunderstanding in breach of European Convention on Human Rights in Diabetes, Addison's Disease, addressed within European Human Rights Law and the Human Rights Act 1998, in RCJ London, on 27 June 1995; 27 March 1996; Trafford 13.7.2000; Manchester 22.11.2000; St Albans 22.9.2006 and St Albans likely 21.4.2022.

- Endocrine Clinical Health Disorders: Diabetes, Addison's Disease, Hypoglycaemia, Neuroglycopenia.
- Temporary Mental Health Impairment: Identified as Lacuna Law in Statute with justification for Clinical and Legal Investigation at Public Expense by Judicial Review and Public Inquiry proposed by the GMC, General Medical Council, and the Police Commissioner Hertfordshire.
- Disclosure to Covid -19 Public Inquiry, Scotland: Ongoing with this disclosure.
- Disclosure to Covid-19 Public Inquiry, UK: Ongoing with this disclosure.
- Date Period: August 1987 to July 2022
- Justice System Courts: RCJ London; Trafford Court; Manchester Court; St Albans Court.
- Preparation of an Official Report for application for Judicial Review at Public Expense is ongoing and for disclosure to the UK Covid-19 Public Health Inquiry, Scotland, to assist inquiry, updated by GMC.

On 17.1.2020 PC K Hertfordshire applied disclosure tests CPIA 1996 and clearly misunderstood and investigate the importance of Medical Evidence associated with Addison's Disease, diagnosed and undiagnosed, and likely Genetically Inherited; along with Diabetes; Hypoglycaemia; Neuroglycopenia. This failure to disclose to the Court and defense without an Expert Medical Report

is clear breach of the Human Rights Act 1998 by PC K as the content of such will certainly assist any Court and any defense in early preparation of any pre-trial Public Inquiry hearing and has left the investigating officer exposed to allegations of malicious prosecution and perverting justice in investigation of a near fatal event 23.2.1994 and subsequent conduct within the Justice System in England of unfair trial events in 2000, 2005, 2022.

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approval in the UK 26 August 1982.

- b. Prima facie evidence suggests management of information by the MCA and the BDA British Diabetic Association did not address nor involve whether or not GP's were or were not right in prescribing it. Errors in law has left some patients with T1 Diabetes at risk of poor health and put lives at risk. (Corby).
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