



The ABCD Nationwide COVID-19 Audit - Objectives

ABCD is setting up a nationwide audit on this important issue of COVID-19 in the UK. The aim will be to ascertain characteristics and outcomes of people with Type 1 and Type 2 diabetes admitted with the primary diagnosis of COVID-19 to hospitals in the UK. We want this audit to be as inclusive as possible and have therefore developed a simple excel sheet that each hospital can complete and email to a secure nhs.net email account

The data will be sent to Oxford University Hospitals NHS Foundation Trust (OUH) which will host the anonymised data within a secure NHS haven. The Audit has been registered with OUH and a Data Protection Impact Assessment has been completed and signed by the Caldicott Guardian of OUH. Further information regarding Information Governance can be obtained by emailing orh-tr.nihrhic@nhs.net.

From the data submitted in the audit, ABCD hopes that it might be able to quantifiably analyse in people with Diabetes and COVID-19 infection who are admitted to hospital in the UK:

- The **proportion** of patients being admitted with **type 1 and type 2** diabetes
- Determine the **ethnicity** of people being admitted and their outcomes in terms of **severity** and **death**
- The proportion of people admitted who are **obese** and their outcomes in terms of **severity and mortality**
- What are the differences in terms of **ethnicity** of patients being **admitted to hospital?**
- What are the risk factors of **other comorbidities** of people being admitted to hospital with COVID-19?
- What is the **impact of the glycaemic control** of those being admitted to hospital?
- What **proportion** of patients being admitted are **newly initiated on insulin while in hospital?**
- What is the **mean insulin dose** of people being admitted with COVID-19?
- What are the different **therapeutic regimes** that people being admitted with COVID-19 are on?
- Which **therapies on admission** lead to worst outcomes?
- What **proportion** of patients being admitted have **DKA or hyperglycaemia?**
- What **proportion** of patients being admitted to hospital have **acute kidney injury?**
- What **percentage** of patients admitted to hospital have **acute coronary disease?**

- What ***proportion*** of patients admitted to hospital require ***mechanical ventilation*** or admission to ***intensive care unit***?
- What ***proportion*** of patients being admitted to hospital ***die*** of COVID-19?
- What ***proportion*** of patients admitted are ***discharged***?

ABCD, July 2020