

Covid 19 Outcomes Similar for People Living with HIV Compared with HIV Negatives in a Sydney General Practice

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Background:

There is concern that People Living with HIV (PLHIV) have poorer outcomes compared with HIV negative (HIV-ve) people after Covid 19 infection.

Methods:

The practice Electronic Medical Record (EMR) system Best Practice was searched using the built-in query tool. Demographics and clinical outcomes for Covid 19 infection and HIV status were extracted and analysed using Microsoft Excel. A random sample of Covid 19+ve HIV -ve was compared with Covid 19+ve PLHIV.

Results:

558 adult patients (age 18 or above) were recorded as having Covid 19 infection. 130 were PLHIV and 428 were HIV -ve. PLHIV were 98% male with a median age of 55, HIV-ve were 63% male, median age of 46. Covid infections were predominately in 2022 (71% PLHIV, 80% HIV-ve). In the PLHIV group 1 patient died, 4% were hospitalized, 3% received antiviral Covid medication and 5% had prolonged symptoms noted (> 1 month). In the HIV -ve group no deaths were recorded, no patients received antiviral Covid medication and 6% had prolonged symptoms. Vaccination history is pending.

Conclusion:

In this single-clinic retrospective chart review outcomes were very similar for PLHIV versus HIV -ve patients with Covid-19 infections.

This study has several limitations including small patient numbers. It was a retrospective study and relied on data recorded in the EMR.

Disclosure of Interest Statement:

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