Neuropsychiatric Manifestations of COVID-19 Infection
an Important Differential Diagnosis

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Differential Diagnoses in Acute Setting

<table>
<thead>
<tr>
<th>Differential Diagnosis</th>
<th>Test/Assessment</th>
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<tbody>
<tr>
<td>Brain Injury</td>
<td>CT Head</td>
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<tr>
<td>Delirium</td>
<td>Fluctuating cognitive function</td>
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<td>Psychotic or Stress response to COVID-19</td>
<td>Expressed preoccupations with the pandemic</td>
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Case Report 1

- 53y O, no past psychiatric history
- PC in A&E: bleed ingestion, due to command suicidal hallucinations
- COVID-19 +ve PCR
- Did not present with fever or other “typical” symptoms
- After ~ve COVID test, became cooperative, started describing auditory hallucinations

Case Report 2

- 20y healthy ♀
- PC: CVS symptoms & altered mental state (confusion, obsessions & hypervigilance)
- COVID-19 +ve PCR
- Improvement in psychiatric symptoms following ~ve COVID-19 test

References