

## Covid-19 Case study 1- Assessment, Communication and Protection

| <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; background-color: #e0e0e0;">Assessment</div> <span>➔</span> <div style="border: 1px solid black; padding: 5px; background-color: #e0e0e0;">Communication</div> <span>➔</span> <div style="border: 1px solid black; padding: 5px; background-color: #e0e0e0;">Protection</div> </div>  |  |
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| <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px; background-color: #e0e0e0;">Recognize</div> <span>➔</span> <div style="border: 1px solid black; padding: 5px; background-color: #e0e0e0;">Interpret</div> <span>➔</span> <div style="border: 1px solid black; padding: 5px; background-color: #e0e0e0;">Intervene</div> <span>➔</span> <div style="border: 1px solid black; padding: 5px; background-color: #e0e0e0;">Evaluate</div> </div> |  |
| Title   | Assessment, Communication and Protection (CoV-19)  |
| Healthcare team   | Nurses and Physicians  |
| <b>General Medical Unit (not Covid-19 unit)</b>   |  |
| Client  | Adult  |
| Department  | General Medical Unit (not Covid-19 unit)   |
| Client Information  | Name: Rose Morin<br>Gender: Female<br>Age: 67 years<br>Weight: 154 lb (70 kg)<br>Height: 168 cm (5'5")<br>Allergies: None<br>Immunizations: influenza vaccine yearly   |
| Medical History   | <p><u>Antecedent</u><br/>Type 2 Diabetes 5 years</p> <p><u>Reason for consultation</u><br/>Client had difficulty controlling her glycemic levels for a couple of weeks. She was admitted for unstable diabetes (or surveillance). She was otherwise healthy, as of yesterday. Her insulin levels have been normal for 24 hours. Subcutaneous insulin levels have been adjusted.</p> <p><u>Psychosocial profile</u><br/>Teacher, married with one child.</p>  |
| Date  | Tuesday March 6 <sup>th</sup> , 2020   |
| Resume  | <p>The scenario starts in a general medical unit at the hospital. Rose, a 67-year-old woman, has been admitted for three days because of uncontrolled diabetes. The initial Covid-19 assessment screening questionnaire during admission indicated there was no need for a Covid-19 swab/test. <u>No isolation was needed.</u></p> <p><u>8:30 a.m.</u><br/>Glycemic levels have been stable for 24 hours and the nurse is doing her morning rounds and health assessment of her client. Rose just finished her breakfast. The nurse asks to take her vital signs. Rose mentions that she had a little bit of diarrhea this morning and is not feeling very well.</p> |
| Vital Signs   | <ul style="list-style-type: none"> <li>- HR: 84</li> <li>- Resp: 22</li> <li>- BP: 136/72 mmHg</li> <li>- SpO<sub>2</sub>: 96%</li> <li>- Temp: 38.8 °C</li> </ul>   |
| Learning Objectives   | <ul style="list-style-type: none"> <li>- Identify possible Covid-19 clinical manifestations during general health assessment.</li> </ul>   |

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|                          | <ul style="list-style-type: none"> <li>- Assess the client according to a suspected COVID-19 risk.</li> <li>- Collaborate with the interdisciplinary team.</li> <li>- Apply independent and collective protective interventions in a risk context of a suspected Covid-19 client.</li> </ul>  |
| Clinical Manifestations  | <ul style="list-style-type: none"> <li>- Diarrhea since the morning</li> <li>- Temp: 38.8 °C</li> <li>- Feeling unwell</li> </ul>   |
| Actionable Interventions | <ul style="list-style-type: none"> <li>- Evaluate the risks at all levels of interventions according to COVID-19 establishment protocol.</li> <li>- Assesses the client's general health status.</li> <li>- Note the general and Covid-19 specific objective and subjective data.</li> <li>- Wash hands according to the prevention and control standards of your healthcare establishment.</li> <li>- Consult the on-call physician on questionable signs and symptoms.</li> <li>- Obtain a Covid-19 nasal swab by following to the prevention and control standards of your healthcare establishment regarding nasal swab procedure.</li> <li>- Apply protective Covid-19 measures for potential isolation according to the prevention and control standards of your healthcare establishment.</li> <li>- Identify client as a suspected Covid-19 case.</li> <li>- Advise the department of infectious prevention and control of your suspected Covid-19 case.</li> </ul> |
| Publication              |   |
| Citation reference       | Dubé, A., Doucet, C.L., Breau, M., Cawley, I., Durocher-Hendriks, S., Morin, B., Sheppard-LeMoine, D., Vardy, I., Baker, C. & Crosby, K. (2020). Nursing COVID-19 Case Study 1: Assessment, communication and protection.   |
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