Usage of SIRIUS System (Robotic Endoscope)

Deyoung Kam
Nurse Educator, Operating Theatre
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Training Programme
Training Programme

• Trainer Training by Precision Robotics Sales Representatives
  o Date of Training: 23-02-2021
  o 6 nursing staffs trained
    • NE x 1, SRN x 1, SEN x 1 RN x 6
  o Video Training
  o Hands-on Practice

• Internal Staff Training by Nurse Educator
  o Duration of Training: 03-03-2021 to 19-03-2021
  o 63 nursing staffs trained
    • NM x 3, SRN x 3, RN x 45, SEN x 2, EN x 10
  o Video Training
  o Hands-on Practice

# NE: Nurse Educator / NM: Nurse Manager / SRN: Senior Registered Nurse / RN: Registered Nurse / SEN: Senior Enrolled Nurse / EN: Enrolled Nurse
02

Competency Assessment

Gleneagles Hospital
HONG KONG
港怡醫院
Competency Assessment

- 20-03-2021 to 12-04-2021

- Pre-competency assessment knowledge check
  - Online evaluation

- Competency assessment
  - Nursing Competency Checklist - Usage Of Sirius System (Robotic Endoscope)
    - Content verified by Precision Robotics
  - Simulation assessment
03

Competency assessment:
Pre-competency assessment knowledge check
Competency Assessment:
Pre-competency assessment knowledge check

• Aims:
  
  o To review the knowledge retention after the training.
  
  o To identify the knowledge gap and provide reinforcement in specific areas.

<table>
<thead>
<tr>
<th>Questions</th>
<th>Answers</th>
<th>Correct (no.)</th>
<th>Correct (%)</th>
<th>Wrong (no.)</th>
<th>Wrong (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1 It is important to make sure the Laparoscopic Head and Laparoscopic Handle is connected securely.</td>
<td>TRUE</td>
<td>62</td>
<td>98%</td>
<td>1</td>
<td>2%</td>
</tr>
<tr>
<td>Q2 The motor calibration of the Laparoscopic Handle should be done after connecting the Laparoscopic Head (telescope part) to the Laparoscopic Handle.</td>
<td>FALSE</td>
<td>31</td>
<td>49%</td>
<td>32</td>
<td>51%</td>
</tr>
<tr>
<td>Q3 The Laparoscopic Head (telescope part) is reusable, so it is important to send this to CSSD for reprocessing</td>
<td>FALSE</td>
<td>57</td>
<td>90%</td>
<td>6</td>
<td>10%</td>
</tr>
<tr>
<td>Q4 The advantage of using the SIRIUS system is the c-banding function of the laparoscopic head. This function can provide a wider field of view in single incision laparoscopy (SILS) and natural orifice surgery (vNOTES).</td>
<td>TRUE</td>
<td>63</td>
<td>100%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>Q5 The joystick is used to control the pan movement and the laparoscopic head movement and there has no control button on the Laparoscopic Handle.</td>
<td>TRUE</td>
<td>54</td>
<td>86%</td>
<td>9</td>
<td>14%</td>
</tr>
</tbody>
</table>
Competency assessment: Nursing Competency Checklist
Competency assessment: Nursing Competency Checklist

- Aims:
  - To ensure nurse show competency in usage the SIRIUS System.
  - To prepare nurse to assist the surgery using the SIRIUS system.

- Results:
  - All nursing staff passed the nursing competency assessment.