

### Project Title

A randomized controlled trial comparing the efficacy of high-fidelity simulation -based teaching (HFSBT) and video-assisted teaching (VAT) in ECG learning in a cohort of preclinical medical students.

**Reference: 2900/49590**

### OSCE

#### CONTROL

| Group | OSCE 1 | OSCE 2 | OSCE 3 |
|-------|--------|--------|--------|
|       |        |        |        |
| X1    | 9      | 11.5   | 12     |
| X2    | 12     | 14     | 13.5   |
| X3    | 12.5   | 16     | 14     |
| X4    | 14     | 15     | 14     |
| X5    | 14     | 15     | 14     |
| X6    | 11.5   | 14     | 16     |
| X7    | 13.5   | 14.5   | 14.5   |
| X8    | 16     | 16.5   | 16     |
| X9    | 16.5   | 15     | 16     |
| X10   | 12     | 11     | 14     |

|      |             |             |             |
|------|-------------|-------------|-------------|
| Mean | <b>13.1</b> | <b>14.4</b> | <b>14.6</b> |
| SD   | <b>2.2</b>  | <b>1.9</b>  | <b>1.3</b>  |
| Max. | <b>16.5</b> | <b>16.5</b> | <b>16</b>   |
| Min. | <b>12</b>   | <b>11</b>   | <b>14</b>   |

Average SD of all three OSCE: 1.9  
Average Min. of all three OSCE: 9.0

#### INTERVENTION

| Group | OSCE 1 | OSCE 2 | OSCE 3 |
|-------|--------|--------|--------|
|       |        |        |        |
| Y1    | 14.5   | 11.5   | 14.5   |
| Y2    | 14.5   | 14.5   | 14     |
| Y3    | 10.5   | 15.5   | 14     |
| Y4    | 16.5   | 15     | 16.5   |
| Y5    | 15     | 19     | 16     |
| Y6    | 10.5   | 10.5   | 11     |
| Y7    | 14.5   | 12     | 18.5   |
| Y8    | 10.5   | 16     | 15     |
| Y9    | 12     | 16     | 14     |
| Y10   | 14.5   | 17     | 18     |

|      |             |             |             |
|------|-------------|-------------|-------------|
| Mean | <b>13.3</b> | <b>14.7</b> | <b>15.2</b> |
| SD   | <b>2.2</b>  | <b>2.6</b>  | <b>2.2</b>  |
| Max. | <b>16.5</b> | <b>19</b>   | <b>18.5</b> |
| Min. | <b>10.5</b> | <b>10.5</b> | <b>11</b>   |

Average SD of all three OSCE: 2.4  
Average Min. of all three OSCE: 10.5