## Supplemental Digital Content 3: Modified OSATS Global Rating Scale

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| **OSATS - Global Rating Scale** | 1 | 2 | 3 | 4 | 5 |
| Time and motion | Many unnecessary moves | - | Efficient time/motion but some unnecessary moves | - | Economy of movements and maximum efficiency |
|  | 1 | 2 | 3 | 4 | 5 |
| Instrument handling | Repeatedly tentative or awkward moves with the instrument | - | Competent use of instruments although occasionally appeared stiff or awkward | - | Fluid moves with instruments and no awkwardness |
|  | 1 | 2 | 3 | 4 | 5 |
| Knowledge of instruments and sutures | Frequently selects the wrong instruments or sutures or used an inappropriate instrument or suture | - | Selects the right instruments and sutures most of the time and used appropriate instruments and sutures for the task | - | Obviously familiar with instruments and sutures required |
|  | 1 | 2 | 3 | 4 | 5 |
| Flow of operation and forward planning | Frequently stopped operating or needed to correct movement | - | Demonstrated ability for forward planning with steady progression of operative procedure | - | Obviously planned course of operation with effortless flow from one move to the next |
|  | 1 | 2 | 3 | 4 | 5 |
| Knowledge of specific procedure | Deficient knowledge. Did not perform most of the instructed tasks correctly | - | Knew all important aspects of the tasks | - | Demonstrated familiarity with all aspects of the tasks |