**Activity #1: Formative, Summative, and High-Stake Simulations**

Complete this chart differentiating type of simulation based on level of evaluation.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Formative | Summative | High Stakes |
| Purpose | Assists participant to achievement of learning objectives | Measurement of the outcomes or achievement of the objectives at a discrete moment in time | Refers to an assessment that has major implications or consequences such as passing a program |
| Timing | Ongoing throughout a course or program | Often at the end of a program of study | At the end of a learning process such as a medical program; as well may be conducted to assess knowledge gaps |
| Tools | Method of providing ongoing feedback | Standardized format; valid and reliable tool | Use an evaluation tool that has been previously tested with the learners, using a checklist or rubric |
| Unique features | Requires formally trained facilitators | Provide inter-rater training | Predetermined parameters for terminating scenario.  The participant has had multiple exposures to the sim scenario |
| Comments | Use small facilitator: student ratio |  | Use trained non-biased evaluators, more than one evaluator for each participant [direct observation or video], scenario pilot tested;  individual evaluation |

**Activity #2: Fill in column 2 on the type of evaluation based on Kirkpatrick level of evaluation**

|  |  |
| --- | --- |
| Example of a survey item, a question, or data point | Identify whether a level 4 [results], level 3 [behavior], level 2 [learning], or level 1 [reaction] |
| I found the instructor’s debriefing style supportive | Level 1 - satisfaction |
| List 4 of the major things you learned in the simulation | Level 2 - knowledge |
| The topic of the simulation is relevant to my future career | Level 1 - relevance |
| The cueing by the facilitator helped me in my learning | Level 1 - satisfaction |
| Learners completing the program of study achieve a 100% pass rate for professional certification | Level 4 - results |
| I have been able to apply what I have learned in a clinical situation | Level 3 – on-the-job behavior |
| Alumni have advanced in career position at 2-year mark | Level 4 - results |
| I feel confidence in applying what I learned in a clinical situation | Level 2 - confidence |
| Clinical instructor evaluates learner’s ability to intubate a patient in practice | Level 3 – on-the-job behavior |
| I found the simulation materials easy to follow | Level 1 - engagement |