**example 4: Master Educator**

**Direct Teaching WORKSHEET**

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| **Title of teaching activity** | Simulation - Based Introduction to Minimally Invasive Surgical Techniques  |
| **Your teaching role** | I am the primary teacher and Co-Course Director (with Dr. XYZ) of this 5 week simulation-based education course for first year residents in surgery and/or the surgical specialties |
| **Co-teacher(s)** | I taught with X |
| **Level of learner** | PGY-1 Surgery Residents |
| **Contact with Learners****(Quantity)** | This 5 week course is taught 2 months per year (Every July and August)1. Direct Teaching Contact time
	1. Lectures/demonstrations 10 hours
	2. Workshops 4 hours
	3. Simulations 60 hours
2. Total number of hours per year 114 hours
3. Average # learners per session
	1. Lectures and workshops 20 learners
	2. Simulations 3 learners

20 different learners per year total |
| **# Years Teaching** | 5 Years teaching this course: Year X - present  |
| **Goals** | After completing my sessions in the Simulator-based Introductory to Minimally Invasive Surgical Techniques Course, the resident should (with supervision) be able to:1. Recognize when minimally invasive surgical techniques will produce superior outcomes compared to traditional methods
2. Independently manipulate the camera to complete a successful surgery
3. Attain an appropriate level of competency (as measured by simulation assessments) in basic techniques: applying clips, passing and tying sutures, etc using only minimally invasive instruments

The complete list of goals and objectives for each session are included in Appendix A |
| **Methods** | Lecture/Demonstration/Workshop/Small group simulations |
| **Evidence of Quality** | * I am one of the top one or two teaching attendings in the department for the last 16 years based upon resident evaluations
* Each year that I have taught this course, I received a 3.8-4.0 (on a 4 point scale) on teaching abilities, mentorship, and professionalism from all of the residents (See Appendix B)
* Resident comments from last 4 years (Every 3rd comment provided in Appendix C)
* Letters about my teaching from residents (Appendix D)
* The program is continued year after year due to popularity and effectiveness. It is a huge recruitment tool during interview season (see letter from the Program Director)
* Our Simulator Program, of which I am the director, has been recognized nationally for our capability of providing superior simulator-based educational opportunities by receiving the coveted American Society of Simulation Program Endorsement. In order to receive this endorsement we had to submit our simulator scenarios for evaluation and ultimate dissemination amongst the other endorsed centers for their use during our society’s endorsed educational activities
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| **Evidence of Dissemination** | * I have been invited to teach sections of this simulation course in various medical centers and national meetings to conduct simulator-based educational activities yearly starting 5 years ago.
* I have published 2 first author articles on the simulation-based teaching of minimally invasive surgical techniques (*citation included here*)
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1. **Overall Evidence of Teaching Quality**

Year 13 International Simulation Research Society (IARS)

Finalist and Honorable Mention, Teaching Recognition Award

Year 11 Inducted by MSSM class of 2006 AOA medical students as a Faculty Member of Alpha

 Omega Alpha (based upon teaching and/or mentorship skills)

Mount Sinai School of Medicine

Year 10 Teacher of the Year

 Department of X (outside of my department)

###### Year 9 Teacher of the Year

 Department of Surgery

###### Year 6 Excellence in Teaching Award

######  Institute for Medical Education, Mount Sinai School of Medicine

###### Year 3 Teacher of the Year

 Department of Surgery