



Pediatric Standardized Patients and Simulation

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Introductions

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Pediatric Program Development

- What are teaching?
- What are your objectives?
- How can they come alive?
- Is there a practical application?
- Is simulation/SP the best way to teach this?

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Practical Applications

- Real patient setting
- Role playing
- Skills training
- Standardized Patient
- Simulation and Hybrid Scenarios
- Assessment

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SP History

- Howard Barrows - USC/McMaster's
- Steve Abramson - First Simulator
- Paula Stillman - First Peds Cases
- Ron Harden - First OSCE
- Peggy Wallace - First SP Coaching Book
- ASPE -founded in 2001
aspeducators.org - 500+ members



Standardized /Simulated Patient/Person

- Well-trained, carefully coached
- Simulated patient/parent/healthcare professional
 - Body language - Emotions - Personality
 - Needs - Expectations - Fears
- presents the gestalt of the person

*HS Barrows
Simulated (Standardized) Patients and Other Human
Simulations, 1987*



An SP is...

- Intelligent
- Good communicator
- Quick and compliant learner
- Understand the role in medical education
- Able to learn and deliver appropriate feedback
- Available to do the job as required and has transportation



The SP vs The Actor

- No drama
- Education driven
- Gives feedback
- Intelligent
- Consistent
- Drama
- Ego driven
- Wants feedback
- Takes direction
- Experimental, not consistent



What can an SP do?

- Give information
- Reproduce history & physical accurately - multiple times
- Record what happens
- Give feedback
- Create a real experience



What an *SP CANNOT* do:

- Make a clinical judgment about medicine
- Submit to invasive medical procedures (defibrillation, intubation)
- Interpret clinical data
- Submit to surgery



Translating Curriculum to Simulation

- Considerations
 - Teaching Objectives
 - Teaching Environment
 - Available Hardware/Software Solutions
 - Event Capture and Playback




Joining SPs and Simulation Technology: Hybrid Encounters

- SPs complete the scenario
- An ideal format for using SPs as extended family and friends
- Increases clinical challenges for learners
- Increases communication challenges for learners



EXAMPLE of
SP IN A
TRADITIONAL CASE
WITHOUT ADDED SIM
TECHNOLOGY
(MANNEQUIN)

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ADDING AN SP
TO A
CASE WITH SIM
TECHNOLOGY
(MANNEQUIN)

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Ideal Project Development: Creating the Experience

- Know what you want to discover about your learners
- Meet with simulation team
- Write case from real situation
- Team/SP Educator hires and trains case
- Dry Run (practice) **Critical!
- Run your project



Program Director

- What do you want to teach?
 - Overview and Objectives
- Who will you be teaching?
 - Number and Level
- Being taught now?
 - How, where, by whom
- How often will this be taught?



Simulation Specialist

- What does procedure/event look like
- Trigger points and crucial events during scenario
- Possible outcomes/endpoints
- Special equipment needs
- Props for realism/learner buy-in
- Needs for recording



SP Educator

- Relationship of SP to manikin
- Expectations/Needs/Fears
- Personality/Mood
- Behaviors
- Information for learner



Hybrid Training Exercise

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What is the next step?

- Resources
- Q & A
- Handouts