Acquisition

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Learners are listening to a lecture or podcast, reading from books or websites, and watching demos or videos

For example: participants watch a BSS video on suturing

Collaboration

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Collaboration enables teams to build their learning together

For example: Virtual round activity on START: participants work together in assessing the patient

Collaboration

Conventional Method

- ☐ Small group project

- ☐ Discussing others' output

- ☐ Building joint output

- ☐ Lead a group project

- ☐

- ☐

- ☐

- ☐

Digital Technology

- ☐ Small group projects (using online forums, wikis, chat rooms, Prezi, google, etc.)

- ☐ Develop a shared resource library (database/glossary/wiki)

- ☐ Social networking/participation (e.g. horizon scanning group where members contribute to a blog)

- ☐ Mentor other learners

- ☐

Acquisition

Conventional Method

- ☐ Reading books, papers

- ☐ Listening to face-to-face presentations, lectures

- ☐ Watching demonstrations

- ☐ Observing hospital practice

- ☐

- ☐

- ☐

Digital Technology

- ☐ Reading multimedia, websites, digital documents

- ☐ Listening to podcasts, webinars

- ☐ Q&A forums (where faculty answer participant questions)

- ☐ Video (lectures, webcast, YouTube and other videos)

- ☐

- ☐

Discussion

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Learners articulate their ideas and questions, and challenge and respond to the ideas and questions from faculty, and/or from their peers

For example: a course Q&A

Investigation

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Investigation guides the learner to explore, compare and critique the texts, documents and resources that reflect the concepts and ideas being taught

For example: compare articles before CSES

Investigation

Conventional Method

- [ ] Analysing ideas and information with conventional resources

- [ ] Searching and evaluating information and ideas

- [ ] Comparing texts

- [ ] Hospital Practice (e.g. walk about and observe how bowel clamps are handled)

- [ ]

Digital Technology

- [ ] Analysing ideas and information in a range of digital resources (forum, wiki, video)

- [ ] Searching and evaluating information and ideas

- [ ] Comparing digital texts

- [ ] Literature review and critique (blog, wiki, medical journal) and using online library support

- [ ]

Discussion

Conventional Method

- ☐ Discussion groups

- ☐ Course discussion

- ☐ Interview an expert

- ☐

- ☐

- ☐

- ☐

- ☐

Digital Technology

- ☐ Discussion forums

- ☐ Discussion on webinars (virtual classrooom), online lectures

- ☐ Interview an expert (video, forum, chat)

- ☐ Reflective task (group or individual)

- ☐ Professional reflections (blog)

- ☐

Practice

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Learning through practice enables the learner to adapt their actions to the task goal, and use the feedback to improve their next action.

For example: suturing in Core Skills in Laparoscopic Surgery

Production

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Learners consolidate what they have learned by applying their current understanding into practice

For example: update trainer's portfolio after TrACE

Production

Conventional Method

- [ ] Statements/reports/analysis

- [ ] Posters

- [ ] Models (e.g. how to deal with triaging? Create a flowchart/ branching scenario)

- [ ] Create a video of performance (e.g. skill demonstration)

- [ ]

- [ ]

Digital Technology

- [ ] Slideshows, podcasts or blogs
- [ ] Audio commentary of performance
- [ ] Literature review and critique
- [ ] Online MCQs with automatic feedback/certainty-based marking
- [ ] Summarisation tasks
- [ ] Case Studies (forum, lesson, video)
- [ ] Action plan for workplace/further study
- [ ] Professional briefings
- [ ] Shared resource library (database/ glossary/wiki/video)

- [ ]

- [ ]

Practice

Conventional Method

- Practicing

- Doing practice-based projects (e.g. observe CCrISP after being on Instructor course)

- Labs (simulation labs)

- Face-to-face roleplay activities (e.g. SIM man)

- Advanced roleplay (you are the consultant, etc.)

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Digital Technology

- Hospital simulation suite

- Online roleplay activities (e.g. Serious game)

- Online MCQs (with automatic feedback or certainty-based)

- Reflective tasks, group or individual (forum)

- Case studies (forum, lesson, video)

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