

Questionnaire on Educational Technology in Medical Education

School Name: 27/36 Central Region Medical Schools

What course management system are you currently using?

- Blackboard (12)*
- Angel (4)
- WebCT (0)*
- Desire2Learn (1)
- MyCourses (0)
- Inhouse (6)

* Three schools use Blackboard and WebCT combo

If Inhouse what platform?

No Common Platform

	Yes	No
Can students access the curriculum electronically?	22	3
Do they receive assignments electronically?	21	4
Can you search across your curriculum content?	8	17

Is the search based on...

- key MESH terms
- rich text (*mostly*)

Do you use a computer-based course scheduling database?

- Yes (14)
- No (11)

If Yes, please give program name if different from overall course management system.

No Common Platform

	Yes	No
Is this downloadable to a PDA?	9	12
Do you use web-based evaluations of courses/faculty by students?	22	2

If Yes, please give program name if different from overall course management system.

No Common Platform

	Yes	No
Do all faculty have access to the curriculum electronically?	17	8
Is the system used by faculty for curriculum planning?	8	15

Would you say your faculty use the system somewhat independently or do you have a good-sized support staff?

- Independent (3)
- Minimal required support (i.e., troubleshooting) (8)
- Moderate required support (i.e., some entry for faculty) (6)
- Substantial required support (i.e., entering most information for faculty) (7)

How many years has your system been in place?

New product – 15 years; average 4-5 years.

What are the strengths of your system?

Ease of use and flexibility most often mentioned.

What are the weaknesses of your system?

*Blackboard – cannot easily search across curriculum or provide faculty access across curriculum.
Faculty use limited (due to lack of training, other).*

What is your overall level of satisfaction with your online system?

- Very satisfied (4)
 - Satisfied (14)
 - No opinion/indifferent (2)
 - Dissatisfied (2)
 - Very dissatisfied (1)
-

How do you store images?

- Individually within Powerpoint (18)
- Image Library (ie Luna) (8)
- Other (8)

If Other, please explain.

If you use discussion data bases, how are they used?

- We do not use discussion data bases. (11)
- For curriculum management (0)
- For course planning (0)
- For student learning (12)
- For other use(s) (1)

If for other use(s), please explain.

What software do you use for on-line exams?

- TestWare-AnyWare (2)
- Other (20)
- We do not administer on-line exams. (4)

If Other, please describe.

WebCT (6)
Blackboard (5)
Angel (4)
LXR (4)
Inhouse (3)
Questionmark/Perception (3)
Campus Mobility (1)

Are they:

- self-assessments/quizzes (7)
- higher-stakes tests (4)
- Both (11)

If actual tests

- One time administration (5)
- Split the class (6)
- Both (4)

If One time administration, please give the class size.

Range = 18-175

Do you have a test question bank from which faculty can create exams?

- Yes (14)
- No (7)

What program do you use for computer-based case studies?

- DXR (8)
- ClinicSoft Patient Simulations (2)
- Other (7)
- We do not use computer-based case studies. (10)

If Other, please describe.

In-house development frequently mentioned.

Can faculty develop their own case studies?

- Yes (21)
- No (3)

Do you use computer-based simulations other than computer-based case studies?

- Yes (14)
- No (10)

If Yes, how?

Most frequently mentioned were public domain simulations and tutorials, and human simulators.

Are you using animation in your curriculum?

- Yes (15)
- No (10)

If Yes, how?

Many said used in lectures, most often in Powerpoint.

Do you require students to purchase computers?

- Yes (6)
- No (19)

If Yes, please select?

- Laptops (5)
- Tablet PCs (0)

If Laptops, what model? *No common platform.*

If Tablet PCs, what model? *N/A*

What software do you provide for the laptops/tablet PCs?

- Procedure log software (2)
- Patient lot software (3)
- Clinical information software (2)
- Word processing software (5)
- Other (4)

If Other, please describe.

No common software.

What level of technical support is provided?

- Troubleshooting software (5)
- Battery replacement (5)
- Unit repair (5)
- Unit replacement (4)
- Other (3)

If Other, please describe.

Complete full service.

Do you require students to purchase PDAs?

- Yes (6)
- No (20)

If Yes, what model?

PocketPC, Palm, and Tungsten all mentioned.

What software do you provide for the PDAs?

- Procedure log software (5)
- Patient lot software (7)
- Clinical information software (10)
- Word processing software (0)
- Other (4)

If Other, please describe.

Knowledge-based resources.

What level of technical support do you provide for the PDAs?

- Troubleshooting software (10)
- Battery replacement (2)
- Unit repair (5)
- Unit replacement (4)
- Other (1)

If Other, please explain.

Training

Which level of simulation use best describes your school?

- Models for suturing, clinical examination, etc scattered in departments (5)
- Full mannequin (ie Harvey, Sim Man) (6)
- Simulation center/suite (11)

Does anyone other than medical students use it?

- Yes (20)
- No (3)

What is the structure of your educational technology support staff?

- Contracted programming staff from another department (5)
 - One or two programmers housed within the education office (1)
 - A full Office of Technology supporting only medical student educational efforts (5)
 - A full Office of Technology supporting all educational efforts (14)
-

Do you provide training to faculty using your online system?

Yes (22)

No (4)