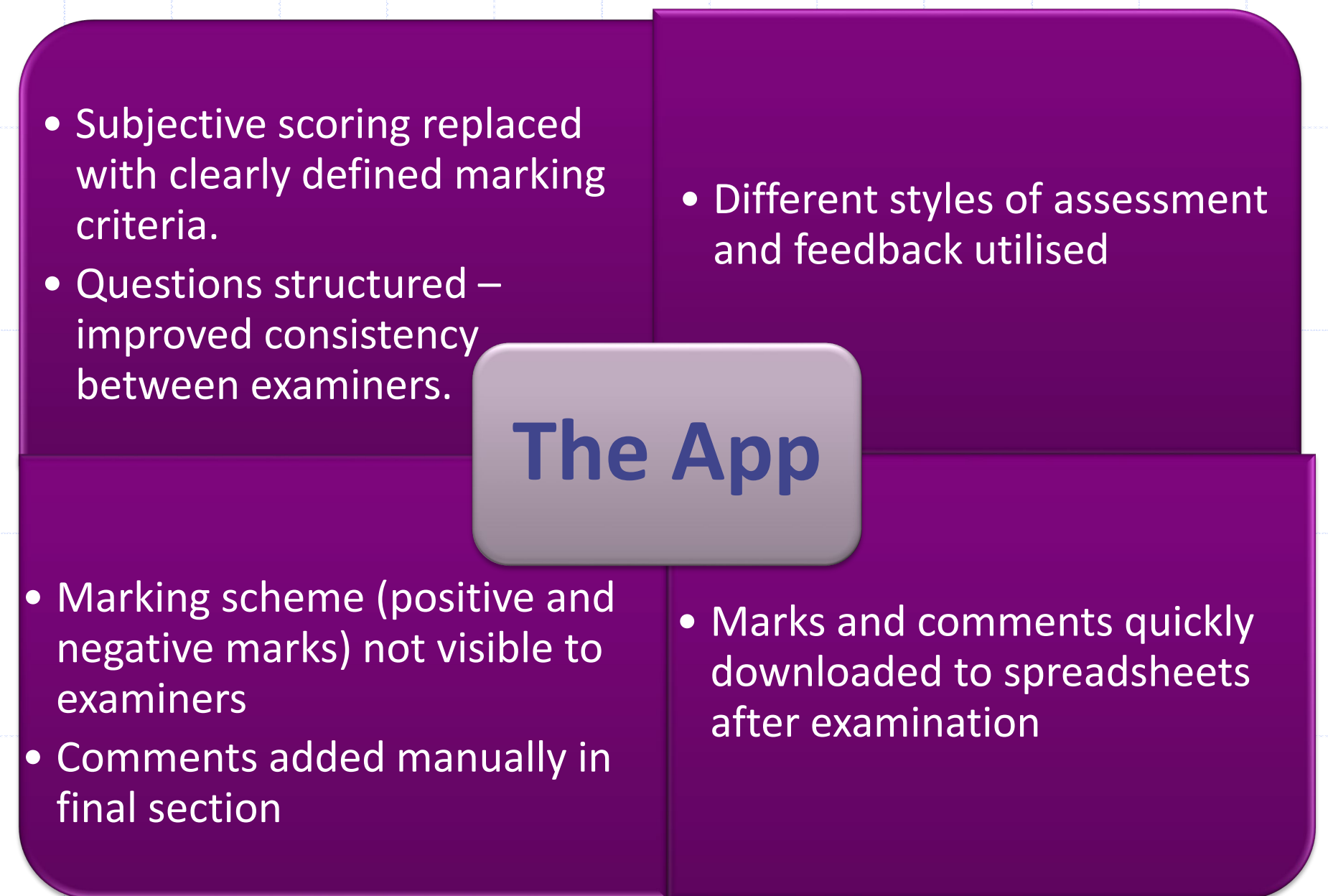
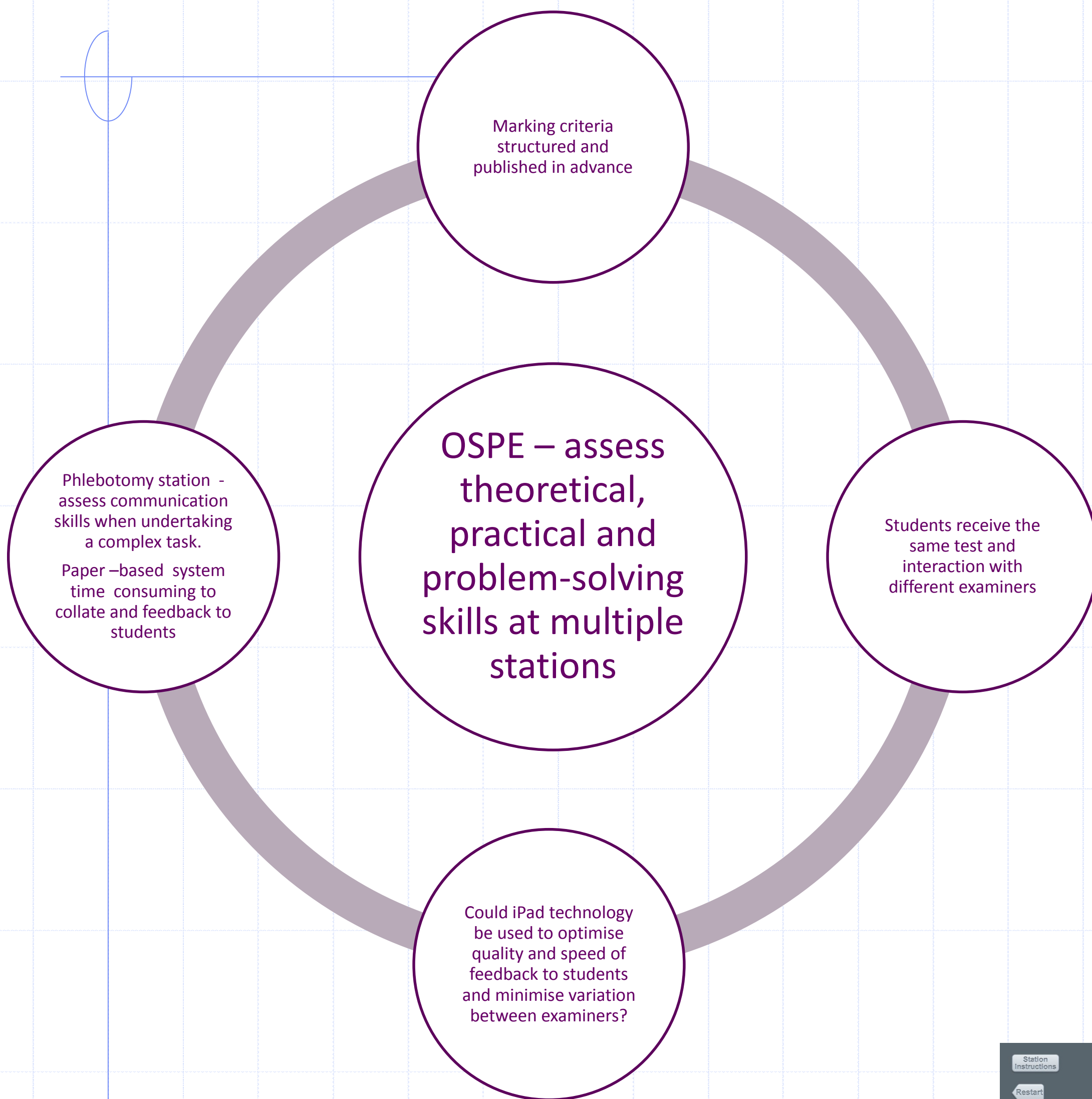


Use of iPads for Objective Structured Practical Examination (OSPE) assessments

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Background



Ask the candidate ONE of the following 3 questions:

- Needle stick injury
- Blood spillage
- Informed Consent

Global score

Unsatisfactory | Borderline | **Satisfactory** | Highly Satisfactory | Excellent

Comments:

Station instructions

Dr Alison Jenkinson -- (001)

10:00

Introduces self, identifies 'volunteer' and explains procedure

Checks consent has been given

Considerate and polite approach (includes saying thank you to volunteer)

Confident approach

Able to engage volunteer in conversation

Station specific skills

Technique of Hand Washing / alcohol gel hand rub Cleaned well

Collect / select all necessary equipment and materials into a kidney dish / container for venipuncture.

Assembles syringe with needle using aseptic technique

Applies tourniquet with explanation to volunteer

Application of tourniquet

Tourniquet location appropriate

Selects a site and a 'good vein' in cubital fossa

Prepares and cleans site with medi-swab

Wears gloves and apron (no penalty if out on

Basic attempt

No attempt

Station instructions

Dr Alison Jenkinson -- (001)

10:00

Ask candidate to place the appropriate blood tube on each of the 3 cards on the bench

Examiner selection 1

Student identification 1

Examiner selection 2

Student identification 2

Examiner selection 3

Student identification 3

- Clot Activator (red / pink)
- Lithium Heparin (green)
- Potassium EDTA (purple)
- Sodium Citrate (blue)
- Sodium Fluoride (grey)
- Serology / Immunology (red)
- Crossmatch Testing (pink)
- Clinical Chemistry (green)
- Haematology (purple)
- Coagulation (blue)
- Glucose (grey)

Figure 1: The App: Examples of different styles of questions and final page where global score can be evaluated and free text comments included.

Outcomes & Conclusions

- Examiner marks were reviewed showing greater consistency between examiners.
- Overall student performance on questions can now be evaluated to assess whether particular aspects are more challenging or particular questions more difficult.
- Numerical and text based feedback returned within 2 days of the final assessment in comparison with 2 weeks the year before.
- Speed of feedback and detail of comments was reported to be useful for preparation for research projects and other practical classes.
- Further developments of the app are planned to ease navigation, automatically time the station and also include common feedback statements which will enhance the quality of examiners comments.