

1. 24R5 Emergency Exercise Questionnaire

This is the questionnaire to accompany the "Emergency" sample sent with 24R5. The exercise instructions can be found [here](#).

* 1. Please enter your Participant Reference Number (PRN)

* 2. Where is your laboratory based?

- | | |
|---|--------------------------------|
| <input type="radio"/> UK | <input type="radio"/> Portugal |
| <input type="radio"/> Republic of Ireland | <input type="radio"/> Italy |
| <input type="radio"/> Denmark | <input type="radio"/> Other |

* 3. Did you undertake the additional emergency exercise associated with 24R5?

- Yes
 No

2. Emergency testing

* 4. Please re-enter your PRN

* 5. Did you complete an ABO/D type before issue of blood within 10 minutes?

Yes

No

3. Emergency testing - ABO/D typing details

6. What was the format of the initial ABO group?

- Forward and reverse
- Forward only

7. Which technology was used for the initial testing?

- Ortho BioVue
- Bio-Rad ID System
- Grifols DG Gel
- Microplate
- Tube
- Slide/Tile
- Other (please specify)

8. Was a reagent control included with the initial testing?

- Yes
- No

* 9. Was a second group performed within 10 minutes?

- Yes
- No

4. Second group on the initial sample within 10 minutes

10. Was the second group on the initial sample performed on:

- The same aliquot as the first group?
- A new aliquot from the primary sample?

11. What was the format of the second ABO group within 10 minutes?

- ABO forward and reverse group
- ABO forward group only
- ABO reverse group only

12. Which technology was used for the second group within 10 minutes?

- Ortho BioVue
- Bio-Rad ID System
- Grifols DG Gel
- Microplate
- Tube
- Slide/Tile
- Other (please specify)

13. Was a reagent control included with the second group?

- Yes
- No

5. ABO/D results within 10 minutes

14. Record the ABO group for Shirley Knott (results obtained within 10 minutes)

O

AB

A

UI (unable to interpret)

B

15. Record D type for Shirley Knott (obtained within 10 minutes)

D positive

UI (unable to interpret)

D negative

Not undertaken

D variant (partial or weak D)

6. Other testing

16. Which, if any, of the following tests / procedures would normally have been completed before issue of blood at 10 minutes?

- 'Immediate spin' crossmatch
- Sampling of units for retrospective crossmatch
- Group check on donations
- None

Other (please specify)

7. Selection of red cells for Shirley Knott (aged 24, female, fall from height) within 10 minutes

* 17. What is the ABO/D group of the red cells that would have been selected for issue within 10 minutes?

O D positive

O D negative

A D positive

A D negative

B D positive

B D negative

AB D positive

AB D negative

8. Red cells for Shirley Knott (age 24, female, fall from height) in 10 minutes - with historical group

18. If you selected group O (D positive or negative), would you have selected the patient's own ABO/D type instead if a historical group was available?

- Yes ABO and D
- Yes ABO only
- Yes D only
- No

9. Additional specifications for red cells for Shirley Knott (aged 24, female, fall from height)

19. Would these red cells have been selected on any additional criteria? *Please note all criteria below, even if opting to provide designated emergency red cells which have some or all of these specifications.*

- K negative
- C and E negative
- c negative

Other (specifically selected for this patient - please specify)

10. Further components for Shirley Knott (aged 24, female, fall from height)

A request for FFP and platelets is received at 10 minutes. You have all groups of FFP available and one group of O D negative and one group of A D positive platelets available.

20. Which of the following types of FFP would you select?

- Standard FFP
- Solvent detergent (SD) treated FFP (including commercial SDFFP preparations e.g. octaplas)
- Other (please specify)

21. Which group of FFP would you select? (assume all are in stock)

- Group AB
- Group A
- Group B
- Group O

22. Which group of platelets would you select? (assume already available in stock or for other patients)

- Group O D negative
- Group A D positive

23. Are there any other blood components/products you would consider for this patient?

11. Selection of red cells for Shirley Knott (aged 14, male, fall from height) within 10 minutes

Using the same scenario, please answer this set of questions and those on the next page based on the results of your original testing (or without a group if none was obtained within 10 minutes) and in the context of the new patient demographics provided above.

* 24. What is the ABO/D group of the red cells that would have been selected for issue within 10 minutes?

- O D positive
- O D negative
- A D positive
- A D negative

- B D positive
- B D negative
- AB D positive
- AB D negative

12. Red cells for Shirley Knott (aged 14, male, fall from height) in 10 minutes- with historical group

25. If you selected group O (D positive or negative), would you have selected the patient's own ABO/D type instead if a historical group was available?

- Yes ABO and D
- Yes ABO only
- Yes D only
- No

13. Other specifications of red cells for Shirley Knott (aged 14, male, fall from height) in 10 minutes

26. Would these red cells have been selected on any additional criteria? *Please note all criteria below, even if opting to provide designated emergency red cells which have some or all of these specifications.*

- K negative
- C and E negative
- c negative

Other (specifically selected for this patient - please specify)

14. Further components for Shirley Knott (aged 14, male, fall from height)

A request for FFP and platelets is received at 10 minutes. You have all groups of FFP available and one group of O D negative and one group of A D positive platelets available.

27. Which of the following types of FFP would you select?

- Standard FFP
- Solvent detergent (SD) treated FFP (including commercial) SDFFP preparations (e.g. octaplas)
- Other (please specify)

28. Which group of FFP would you select? (assume all are in stock)

- Group AB
- Group A
- Group B
- Group O

29. Which group of platelets would you select? (assume already available in stock or for other patients)

- Group O D negative
- Group A D positive

30. Are there any other blood components/products you would consider for this patient?

15. Selection of red cells for Shirley Knott (aged 59, female, fall from height) within 10 minutes

Using the same scenario, please answer this set of questions and those on the next page based on the results of your original testing (or without a group if none was obtained within 10 minutes) and in the context of the new patient demographics provided above.

* 31. What is the ABO/D group of the red cells that would have been selected for issue within 10 minutes?

O D positive

O D negative

A D positive

A D negative

B D positive

B D negative

AB D positive

AB D negative

16. Red cells for Shirley Knott (age 59, female, fall from height) in 10 minutes- with historical group

32. If you selected group O (D positive or negative), would you have selected the patient's own ABO/D type instead if a historical group was available?

- Yes ABO and D
- Yes ABO only
- Yes D only
- No

17. Other specifications of red cells for Shirley Knott (aged 59, female, fall from height) in 10 mins

33. Would these red cells have been selected on any additional criteria? *Please note all criteria below, even if opting to provide designated emergency red cells which have some or all of these specifications.*

- K negative
- C and E negative
- c negative

Other (specifically selected for this patient - please specify)

18. Further components for Shirley Knott (aged 59, female, fall from height)

A request for FFP and platelets is received at 10 minutes. You have all groups of FFP available and one group of O D negative and one group of A D positive platelets available.

34. Which of the following types of FFP would you select?

- Standard FFP
- Solvent detergent (SD) treated FFP (including commercial) SDFFP preparations (e.g. octaplas)
- Other (please specify)

35. Which group of FFP would you select? (assume all are in stock)

- Group AB
- Group A
- Group B
- Group O

36. Which group of platelets would you select? (assume already available in stock or for other patients)

- Group O D negative
- Group A D positive

37. Are there any other blood components/products you would consider for this patient?

19. Supplementary question and comments on the emergency element of exercise 24R5

38. Please enter any comments you wish to add

* 39. Do you have a policy for providing blood in emergency situations to a patient that does not identify as male or female?

- Yes
- No, but are considering developing a policy
- No

If Yes, please give brief details

20. Emergency testing not undertaken

* 40. Please re-enter your primary PRN

41. Please record reason(s) for not undertaking emergency testing as part of exercise 24R5

- Reference centre
- Emergency testing NEVER undertaken in clinical practice
- Other

Other (please specify)