

A thick blue wavy line that curves across the top of the slide, starting from the left edge and ending at the right edge.

Managing the aftermath of the Manchester Attack

22nd May 2017

Kate Pendry

Consultant Haematologist

Caring Expert Quality



1st call 22:32

1st on scene 22:42

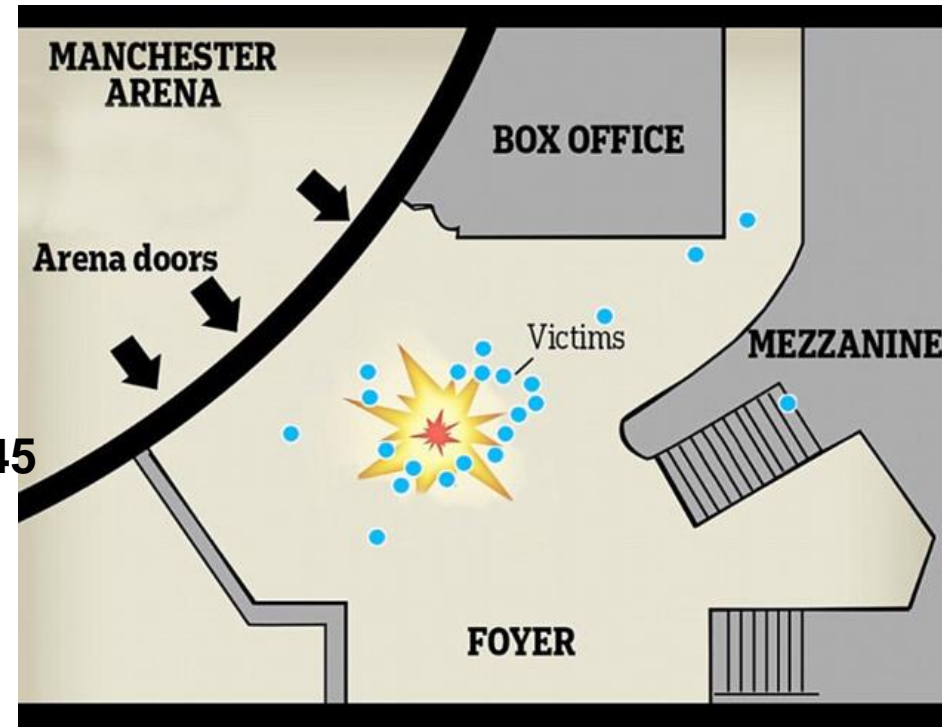
Major Incident declared 22:46

Command structure in place 22:52

NHSBT Incident Managers notified 23:45

Scene cleared 02:45

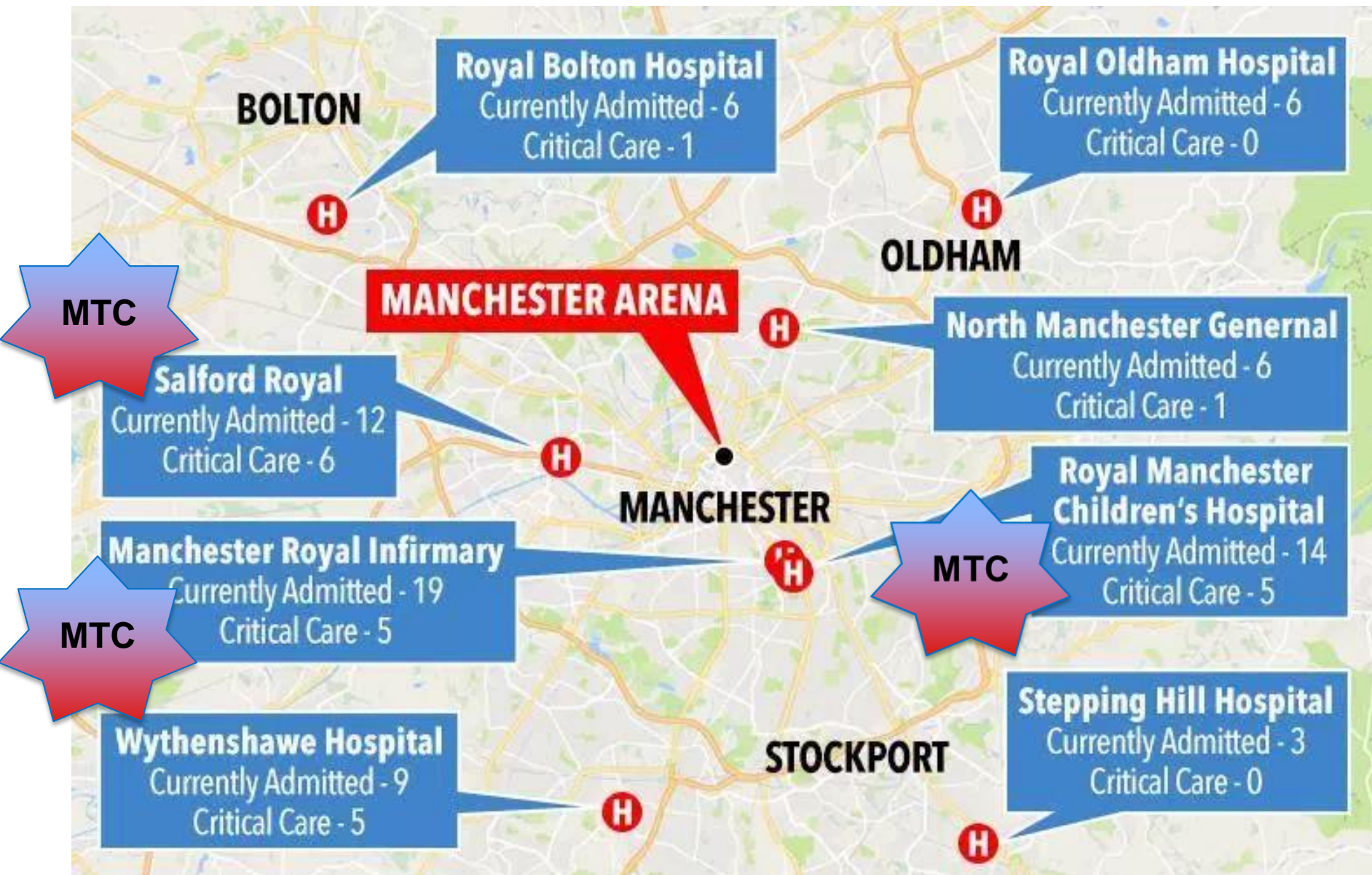
Major Incident Closed 05:25



Operation SOCRATES had occurred end March 2017

**22 people killed
160 attended hospital
75 admitted to hospital**





What went well

1. All supplies met
 - 334 units red cells (49% O D negative), 58 units FFP (48% AB), 18 packs platelets (67% A), 12 pools MB cryoprecipitate
 - More than 4 days national stock O D neg
2. Off duty staff came in to help in Hospital Services
3. Potential new blood donors were supported on arrival by senior team

What could be improved

1. Improve activation process for NHSBT
2. Improve telephone access to Hospital Services
3. The online donor portal saw a massive increase in traffic from blood donors which affected other IT functionality and there was an increase in donor phone calls. Erroneous third party social media messaging may have exacerbated this
4. Hospitals overstocked O D negative red cells – NHSBT O Neg Working Group will review option to take back stock

The Facebook logo, consisting of the word "facebook" in white lowercase letters on a blue rectangular background with rounded corners.The NHS logo, featuring the letters "NHS" in white on a blue rectangular background.

Blood and Transplant

URGENT BLOOD DONORS NEEDED

Message from Manchester Royal Infirmary

PLEASE SHARE

Anyone in Manchester with the blood group O
NEGATIVE please donate we have run out we
have none xxx

Go to Upper brook street Manchester facing
the MRI xxx

- 1000 walk in donors
- 17000 calls to national donor line
- Online portal overloaded



**GiveBlood NHS**

@GiveBloodNHS



Following



In response to last night's tragic incident in [#Manchester](#) - we have all the blood required for hospital patients at the present time.

We are responding to last night's tragic incident in Manchester.

We do have all the blood required for hospital patients at the present time, however we are always keen to encourage new donors to register and existing donors to book an appointment which can be done at www.blood.co.uk or by calling 0300 123 23 23.

If you have an appointment to give blood in the next few days, please do your best to keep it, particularly if you are blood group O negative.

[#Manchester](#)

12:15 AM - 23 May 2017

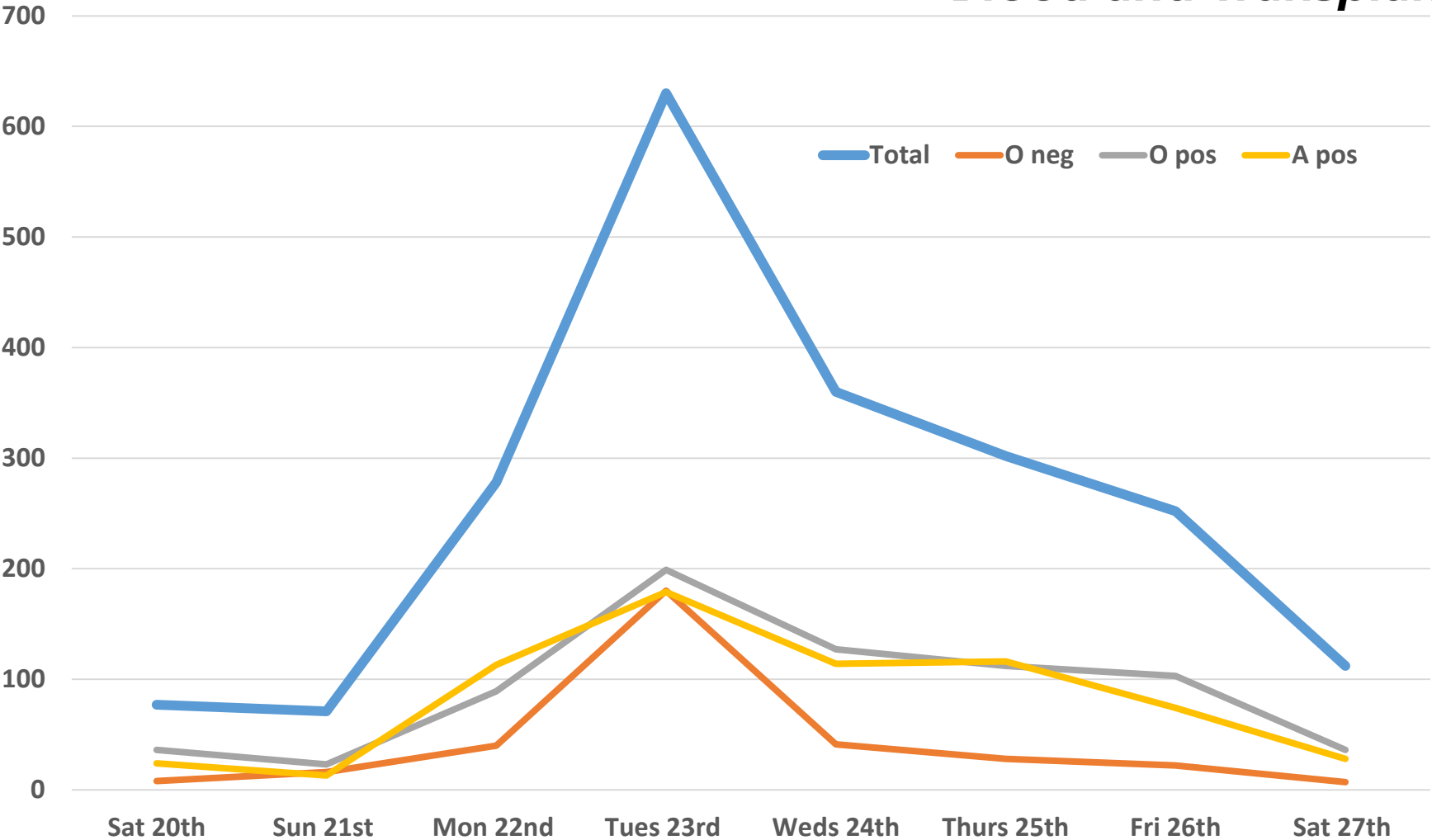
7,509 Retweets 6,829 Likes



Red Cell Issues



Blood and Transplant



Caring Expert Quality



GiveBlood NHS

@GiveBloodNHS



Following



Our Chief Exec, Ian Trenholm paid a visit to the Plymouth Grove centre in Manchester to thank blood donors and staff.



8:30 am - 26 May 2017

NHS

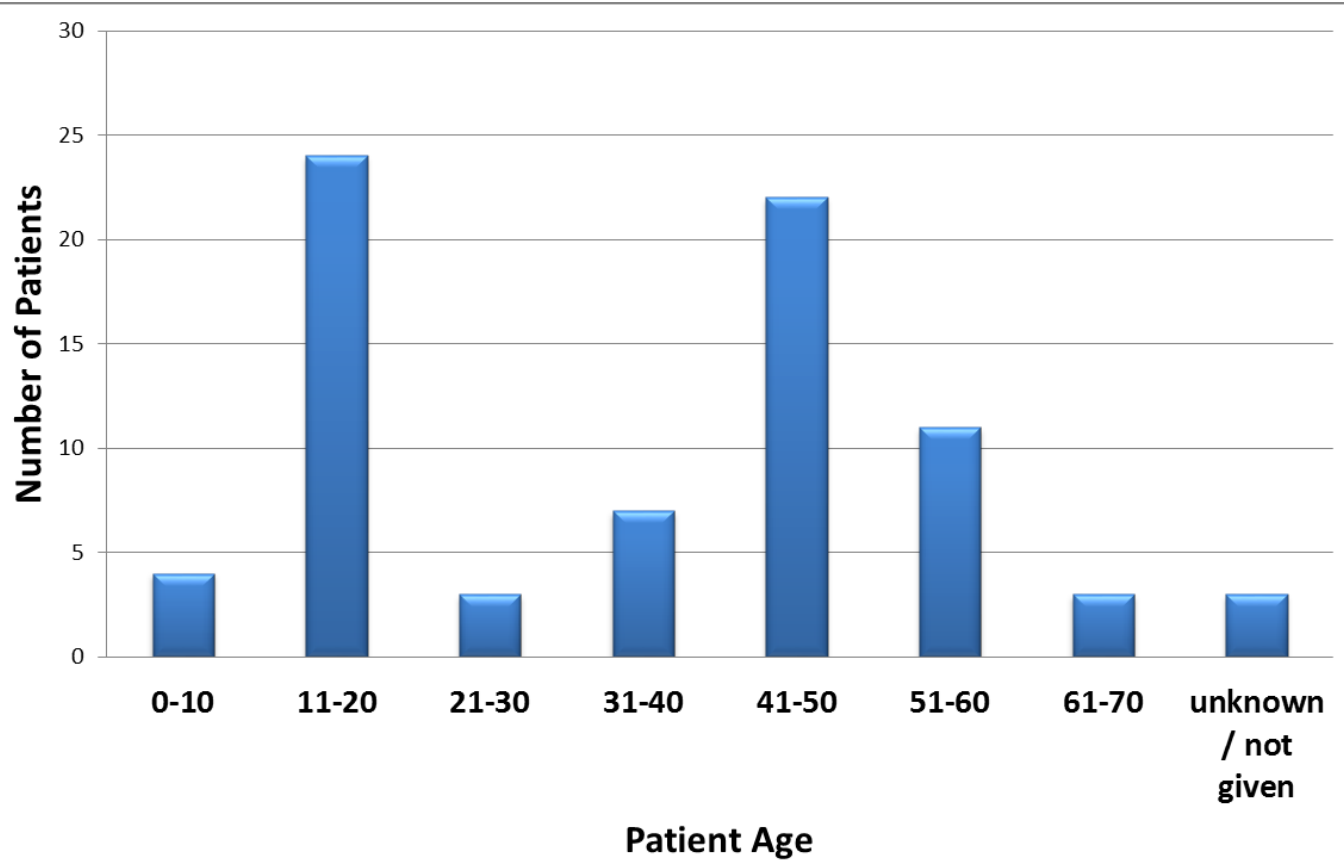
Blood and Transplant

17
deliveries



Patient Details and Blood Use

Patient Demographics



52



69%

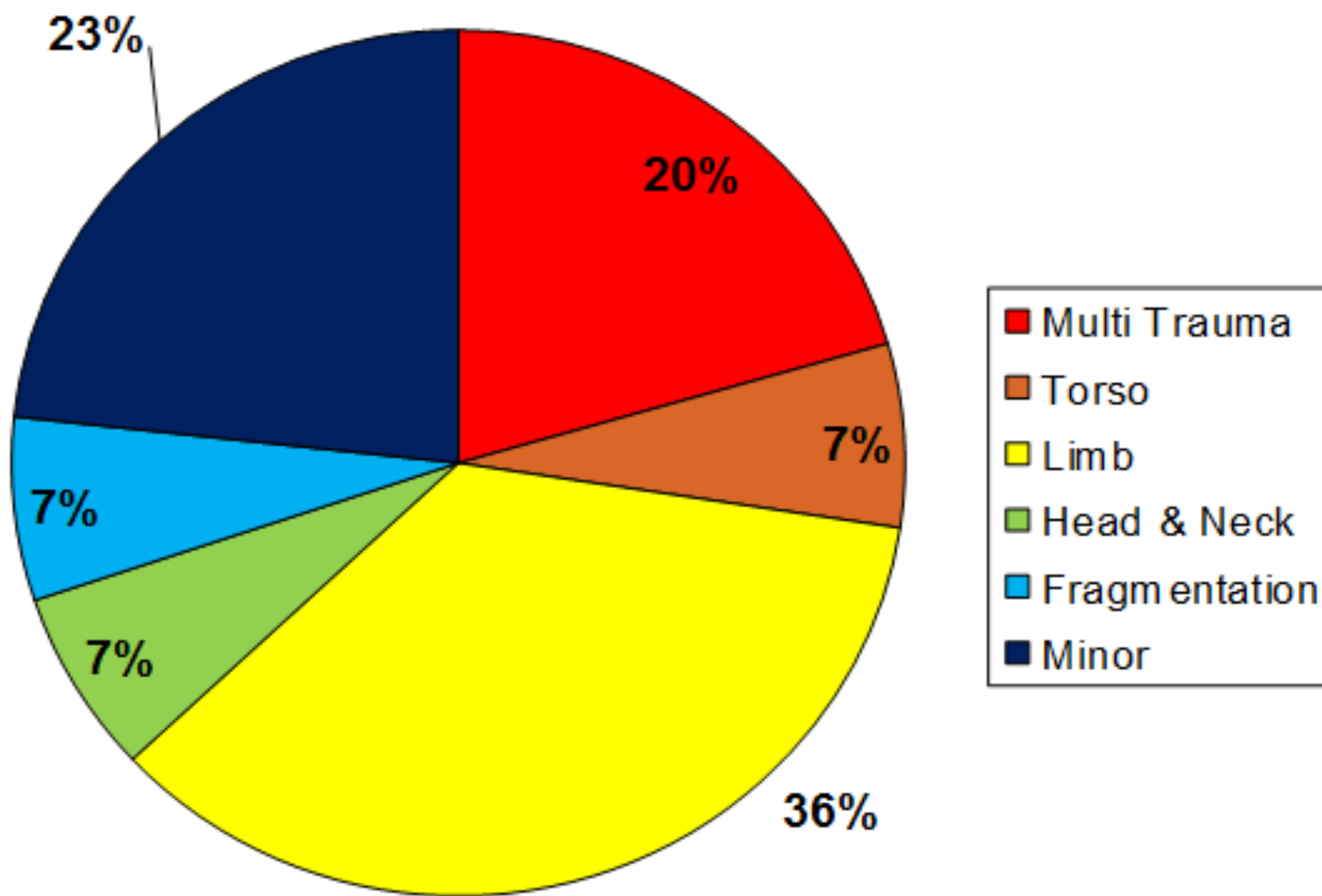
23



2 Unknown

28 (36%) patients
≤ 20yrs

Injury Type



Blood component use

Survey describes 75 patients treated for injuries

23 received red cells

3 received FFP (1 also had Octaplas)

1 received Octaplas

2 patients received platelets;

2 received cryoprecipitate



23 patients **(31%)** were transfused

A total of **89** units of red cells were used

Mean red cell use = 3.9 units per patient

Min = 1

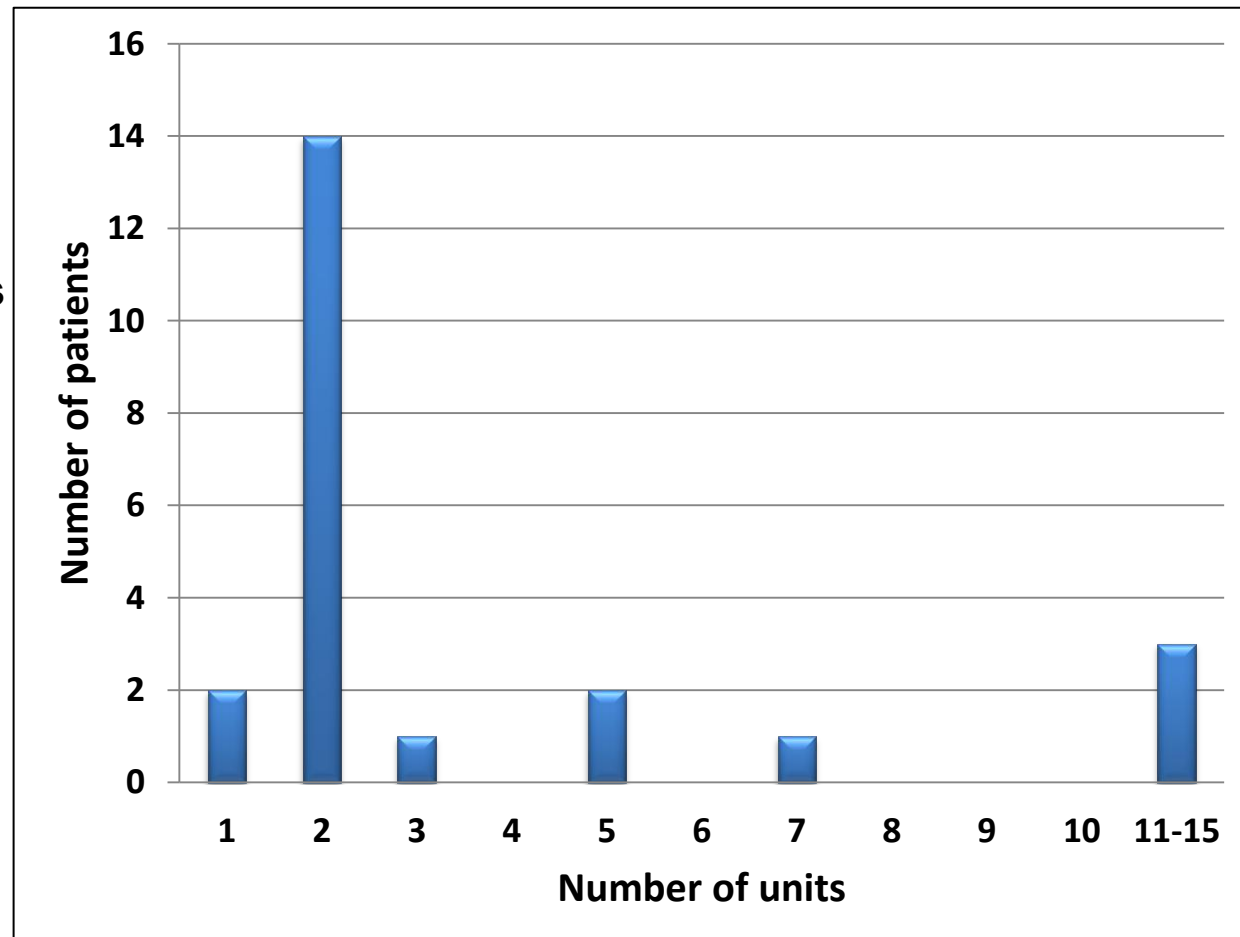
Max = 15

Mode = 2

3 patients received ≥ 10 units

6 patients received ≥ 5 units

Red Cell Use



Use of group O D neg

31 O D Neg red cells were used.

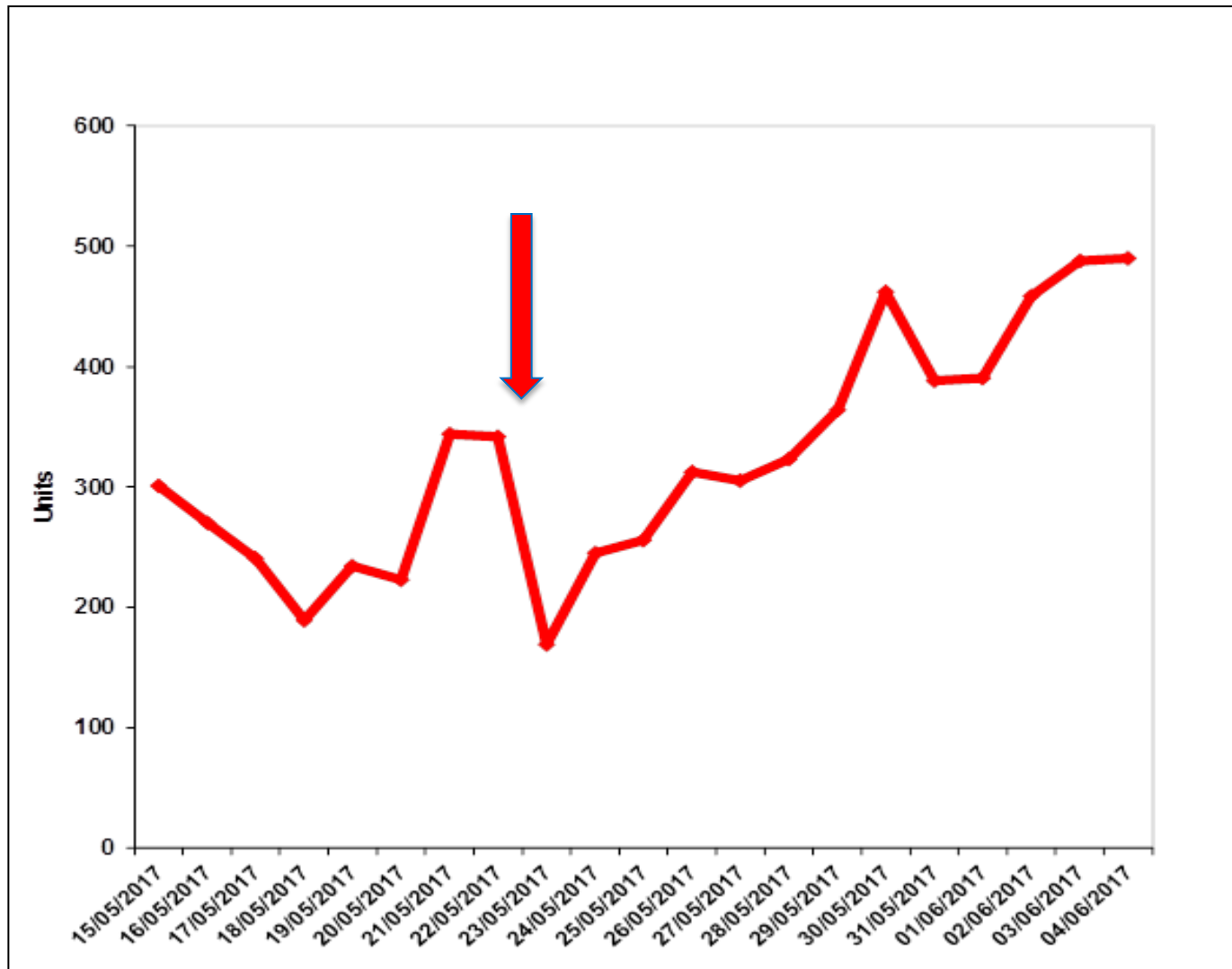
At least 1 unit of emergency
O D Neg was transfused to 14/23
(61%) patients

Blood group	No of patients	Emergency O neg	Group specific	Total
O +	7	5	21	21
O -	2	4	3	31
A +	8	11	33	33
B +	1	1	1	1
AB -	1	0	3	3
Unknown	4	7	0	0
Total	23	28	61	89

Ratio of red cells ordered: transfused = **3.75**

Ratio of 2- 3 previously seen in both UK and Israeli literature

Ratio O D Neg ordered (163): O D Neg transfused (31) = **5.25**



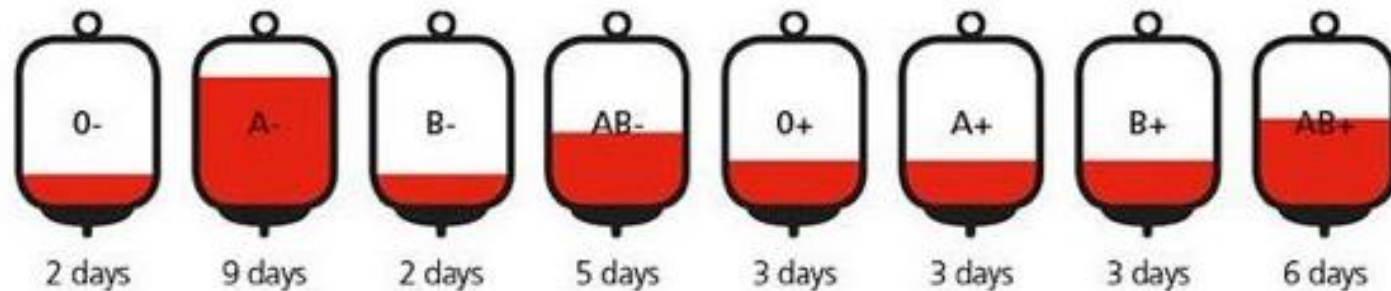
Rebuild of Manchester O Neg Blood Stocks



Kate Pendry @KatePendry · Feb 27
The #BeastfromtheEast has arrived in the North West!

Current blood stock levels

Wednesday 28 March 2018



We aim to retain 6 days of stocks at any time in order to meet the requirements of patients.

Register and book an appointment at blood.co.uk

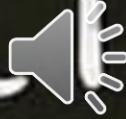


Further Actions

- Improve activation process for NHSBT once Major Incident declared: NHSBT in conversation with NHS England
- Standardise patient ID to allow record of estimated DOB, gender, non-sequential numbers, movement of patients between hospitals (Trust identifier): NHSBT / SHOT in conversation with NHS England / NHS Improvement
- Recommendations for hospitals for transfusion support in Mass Casualty Events: Update of NBTC Emergency Planning Recommendations
- Clear messaging re ongoing need for O D neg red cell donation



MANCHESTER



Acknowledgements:

**All the staff in NHSBT and hospital transfusion laboratories
Members of the public who came forward to donate**



↻ Salford Royal NHS Retweeted



Northern Care Alliance NHS Group (SRFT and PAHT) @NCAAllian... · May 8 ▾

On 22 May we will all be remembering the tragic events that unfolded at @ManchesterArena. If you have been affected and need #mental #health #support then contact **Manchester Resilience Hub**. @OldhamCO_NHS @BuryCO_NHS @RochdaleCO_NHS @NorthMcrCO_NHS @SalfordRoyalNHS

Mental health support

Contact the Manchester Resilience Hub for mental health support after the Manchester Arena attack.

Tel: 03330 095 071

Email: GM.help@nhs.net

Wellbeing screening:

www.penninecare.nhs.uk/wellbeingscreen



**Manchester
Resilience Hub**



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@KatePendry