

Paper Reference(s) 1HI0/11
Pearson Edexcel GCSE (9–1)

History

PAPER 1: Thematic study and historic environment

OPTION 11: Medicine in Britain, c1250–present AND

The British sector of the Western Front, 1914–18: injuries, treatment and the trenches

Time: 1 hour 15 minutes plus your additional time allowance

Sources Booklet

**DO NOT RETURN THIS BOOKLET
WITH THE QUESTION PAPER.**

Sources for use with Section A.

SOURCE A: From an account written after the First World War by Charlie Shepherd. Charlie Shepherd was a soldier who fought in the war. Here he is describing his experiences in a hospital on the Western Front in 1915.

I was in the hospital. They wanted a volunteer to give blood for a transfusion. I volunteered and they checked that I was the same blood group as the soldier who needed blood.

He'd lost a leg. Gangrene had set in and they'd had to amputate it. Oh, he looked like death! As white as a sheet!

I've still got the scar where they opened me up to get the tube into my vein. The blood flowed up the tube to a bottle and from there it went into the soldier's arm. I was watching him. Believe me, you could see the colour coming back into his face.

SOURCE B: From an article in *The Lancet*, June 1918. The author was a doctor who worked at a Casualty Clearing Station on the Western Front. *The Lancet* was a medical journal, which was a way of doctors sharing new ideas.

Every day, Casualty Clearing Stations are dealing with severely wounded patients who have lost a lot of blood. Their chance of recovery depends on receiving a blood transfusion.

There are three methods of transfusion:

- 1. A syringe is used to take blood from the donor; the blood is immediately injected into the patient's vein.**
- 2. Blood can be stored briefly in glass containers.**
- 3. The citrate method can be used to prevent blood clotting and store it for longer.**

I have used the syringe method. This works well as the blood is outside the body for only 15–20 seconds and the whole process is controlled by the surgeon.

ACKNOWLEDGEMENTS

Source A taken from: Roses of no Man's Land, Lyn MacDonald, Penguin 2013

Source B taken from: <https://www.sciencedirect.com/sdfe/pdf/download/eid/1-s2.0-S0140673601272614/first-page-pdf>