

‘SAFE USE OF BLOOD AND TISSUE’

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Content of this talk

- ▶ Rationale for generating new guidance documents
- ▶ Overview of guidance for human blood/tissue
- ▶ Overview of guidance for animal blood/tissue
- ▶ Where you can find these documents

Why do we need a 'Safe Blood Use' guidance? (1)

- ▶ Blood Questionnaire sent to 51 departments - received response from 40 (78% response rate)
- ▶ 25 departments use human blood
- ▶ Half of departments (48%) receive their bloods from NHSBT and 12% of departments use it at CL1 either in a MSC or on open bench
- ▶ 64% of departments use in-house donors - **Issue: use of unscreened bloods at CL1 on the open bench**
- ▶ Third of departments using human blood receive samples from outside UK (eg countries with high HIV prevalence)

Why do we need a 'Safe Blood Use' guidance? (2)

- ▶ Further findings showed: Increased use of blood and tissue throughout UoC, in particular in non-biological departments
- ▶ NHS Blood & Transfusion (NHSBT): use of 'pre-screened' blood - is it safe?

NHSBT 'screened blood': what does it mean?

- ▶ Consultation with expert in this field
- ▶ Not all blood products are screened/tested for BBV
- ▶ Results sometimes received after blood has been released (backed up by reported 'Near Miss' incidents)
- ▶ **Testing:** sometimes retrospectively and done as 'pools'
- ▶ **Conclusion:** all human blood products should be treated as potentially infected
- ▶ The Safety Office recommends: **default handling is at CL 2 unless the RA declares it safe to be handled at lower CL (provide reasoning)**

Safe Use of Human Blood and Tissue guidance

The guidance covers the following areas:

- ▶ Regulatory requirements
- ▶ Ethics and Consent
- ▶ Occupational Health
- ▶ **Specific pathogen risk**
- ▶ Disposal considerations
- ▶ And much more...
- ▶ Includes valuable feedback from a cohort of BSOs helping us to test the new Bio RA template

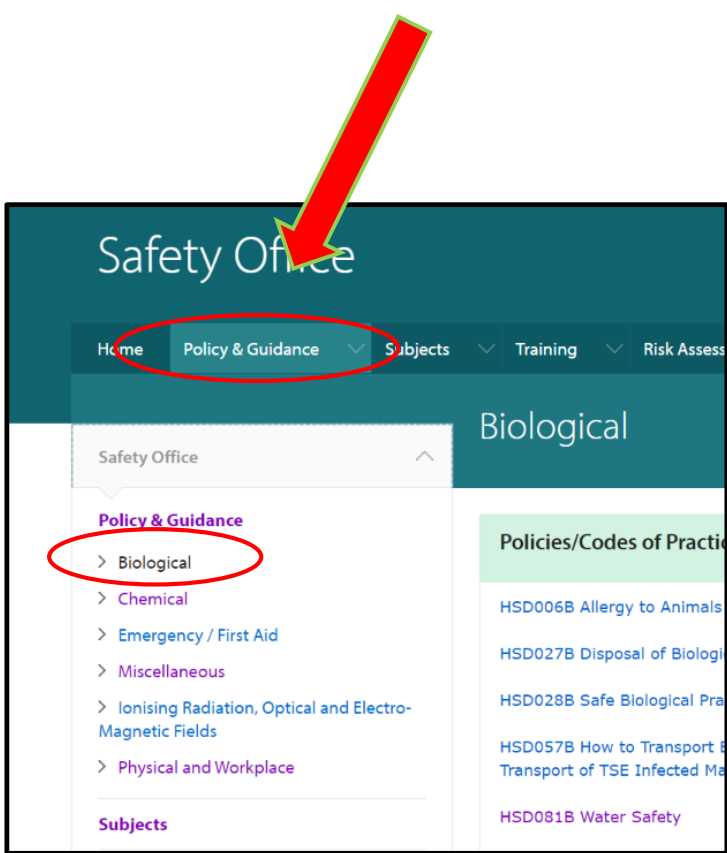
Safe Use of Animal Blood and Tissue guidance

The guidance covers the following areas:

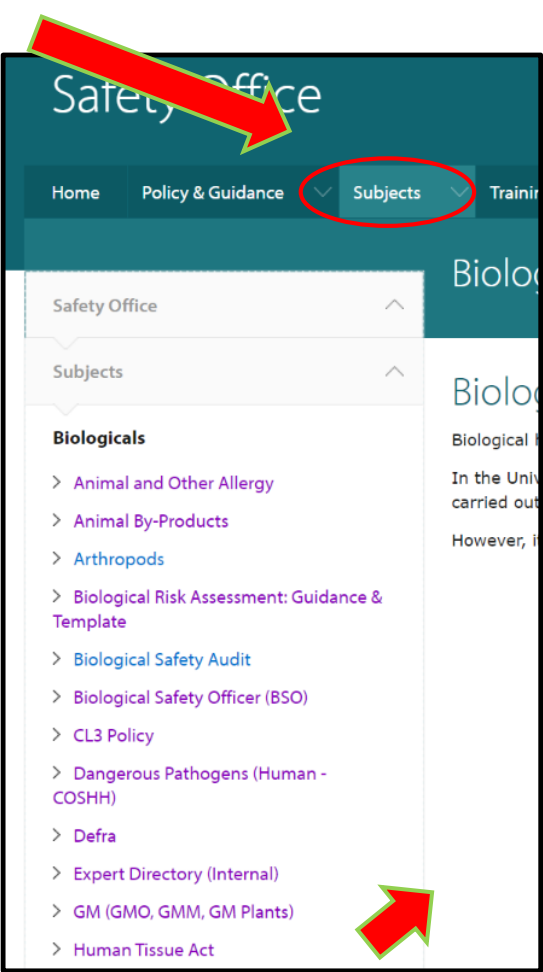
- ▶ **Regulatory requirements**
- ▶ Animal allergens
- ▶ How to work safely
- ▶ **Zoonoses**
- ▶ Environmental concerns
- ▶ Emergency measures

Where to find these documents?

‘Policy & Guidance’



‘Subjects’



List continued...

- > Human Tissue Act
- > Import and Export
- > Laboratory Management
- > Liquid Nitrogen in Biological Labs
- > Polio (Eradication)
- > Policy and Guidance
- > Safe Use of Blood
- > SAPO (Animal Pathogens)
- > Schedule 5 (Pathogens and Toxins)
- > Storage
- > Tissue/Cell Culture
- > Training
- > Transplants
- > Transportation
- > Waste (Biological)
- > Zoonoses
- > Further Information

Any questions?

Please email to:
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