**Epigeum Course website: https://courses.epigeum.com/my-courses**

**Login using** [**PingChen@liverpool.ac.uk**](mailto:PingChen@liverpool.ac.uk)

**Informed consent by sheet: information sheets**

Information sheets for the participants: aim and purpose; why they have been approached? What will they do? Any risk associated? Will the participation be Confidential? How will the experiment data be used? What if they want to withdraw? Who to contact if any concerns before and during the study? How do they make a complaint? Consult with representatives from the community participants

Ethnic Approval in the UK: Use Integrated Research Application System(IRAS) online.

Supporting documents needed:

**How to prepare and submit and IRAS application:** [**https://www.myresearchproject.org.uk/help/contents/StepByStep\_v2-0\_20180628.pdf**](https://www.myresearchproject.org.uk/help/contents/StepByStep_v2-0_20180628.pdf)

**How to conduct research in NHS organization:** [**https://www.myresearchproject.org.uk/help/hlpnhshscr.aspx**](https://www.myresearchproject.org.uk/help/hlpnhshscr.aspx)

**NHS HRA: https://www.hra.nhs.uk/**

Approval needed: Institutional REC + HRA IRAS.

Steps for application:

Identify the relevant research ethics committee(s) (RECs) and check their requirements; prepare documents for submission e.g. REC application form/protocol, documents for participants; submit to the REC; adjust protocol and documentation if required in response to REC recommendations and/or conditions

To avoid ethnical challenges, community engagements are necessary.

Value compass: honesty, fairness, care, respect. Always ask: Am I behaving with the four values?

Participants have altruistically contributed to the progress of science.

Participant Protection law globally: Convention on Biological Diversity (CBD)