

Medical Science

Y12 into Y13 SIL

E 2.3 Influence of organisations and individuals on health issues

For your Unit 2 exam you will be given an information booklet to read and use for section B of the exam. In the information booklet, there will be an article where information will be presented by different organisations and individuals.

You need to be able to discuss how organisations and/or individuals affect the following of the article:

- **Validity** and **reliability** of **quantitative** and **qualitative** data sources and the conclusions presented in the article; and
- **Influence** on the health issue presented in the article

Task 1: Organisations and individuals

Research the organisations below and answer the following questions about each one:

1. Overview of who they are and what they do
2. What area of health / science are they specialists in?
3. What type of organisation are they? Choose one from the list below:
 - Global organisation
 - Part of UK government
 - Charity
 - University
 - private or multinational organisations
 - pharmaceutical companies
 - Another non-government organisation (NGO)
4. Discuss how **reliable** are their statements?
 - Are their decisions based on opinion or scientific research?
 - Find examples that support your answer
5. Would they have a vested interest / be biased?
 - Explain why they may have that bias
 - Find examples that support your answer
6. Who do they **influence**? Choose one or more from the list below:
 - Global decisions
 - National decisions e.g. consult on policy in the UK government
 - Provides research that can be used to improve health
 - Diagnose and/or treat illnesses
 - Provides information/opinion to the public

There are 9 organisations that you must research and answer the questions above about each one. They are:

1. World Health Organisation (WHO)
2. NHS
3. Health Education England (HEE)
4. Patients (service users)
5. Oxford University
6. Nestlé
7. Astra Zeneca
8. The Health Foundation
9. General Medical Council (GMC)

Task 2: Research methods

In your research above, you will have identified that at least one organisation is/are responsible for conducting research. There are several methods of collecting this data; including:

1. Clinical trials
2. Longitudinal studies
3. Retrospective cohort study
4. Case studies
5. Questionnaires
6. Observations
7. Laboratory experiments

For each of the methods named above:

- give a definition/describe what that kind of study involves
- find one scientific example of each kind of study and include the reference for this example.

Save your research on a word document ready to submit on teams when you return in Y13.

You will need to know this information ready for an assessment in September.