



Unit 14

Physiological Disorders and their care

Name; _____



Investigate the causes and effects of physiological disorders

As a Health and Social care student you will be expected to do a lot of individual research and identify impacts and analyse how certain types of carers and patients interact with one another in order to produce the best possible treatment and deliver the best possible care.

Brief Case Study to assist with the task:

You are a Junior Doctor working for the NHS, you have been given a patient to investigate their physiological disorder. As part of your investigation you must:

- Pick and identify **ONE** physiological disorder of your choice and research it.
- What are the causes, signs, symptoms?
- What investigate procedure can we use for them? (type of tests can we conduct such as blood test or body temperature)
- What treatment and support information can be used to treat your patient?
- How does this impact their Physical, Intellectual, Emotional and Social Health

For your task we would like you to present the research in one of the following ways physiological disorders

- Leaflet
- Poster (A3 or A4 double sided)
- Written Report
- Power point Presentation

A1. Types of physiological disorders and effects on body systems and functions

PICK ONE THAT INTERESTS YOU THE MOST:

- Endocrine System Disorders eg. diabetes, hypothyroidism and hyperthyroidism
- Nervous System Disorders eg. Parkinson's disease, Alzheimer's disease
- Musculo-skeletal System Disorder eg. rheumatoid arthritis, osteoporosis
- Respiratory System Disorders eg. asthma, chronic obstructive pulmonary disease
- Circulatory System Disorders eg. coronary heart disease, leukaemia
- Cancer eg. bowel, prostate

Impact of disorders on service user's physical, mental, social and emotional health

A2. Causes of physiological disorders

- Inherited traits eg. sickle cell anaemia
- Lifestyle choices eg. smoking cigarettes, alcohol
- Diet eg. obesity, dietary deficiency
- Environmental eg. housing conditions, air pollution

A3. Signs and symptoms of physiological disorders

- Observable signs of physiological disorders eg. rash, swelling
- Symptoms experienced by the individual eg. pain, disorientated

PART B: Examine the investigation and diagnosis of physiological disorders

B1. Investigative procedures for physiological disorders

- General measurements that may be undertaken, e.g. blood pressure, body temperature.
- Investigations as appropriate for each individual, e.g. medical history, blood tests

PART C: Examine treatment and support for service users with physiological disorders

C1. Provision of treatment and support

- Medication, e.g. anti-inflammatory drugs.
- Surgery, e.g. surgical procedures for cancer.
- Rehabilitation programmes, e.g. physiotherapy.
- Complementary therapies, e.g. aromatherapy, acupuncture.
- Advice on lifestyle changes, e.g. smoking cessation.

This is how you will be marked in your assignment work.....

In health and social care, you will be assessed on the following grade boundaries. Use this as a criteria and checklist when completing the task make sure that you are explaining, assessing and evaluating.

Pass Criteria	Merit Criteria	Distinction Criteria
Learning aim A: Investigate the causes and effects of physiological disorders		A.D1 <u>Evaluate</u> the impact of physiological disorders on the health and well-being of service users
A.P1 <u>Explain</u> the causes, signs and symptoms of different types of physiological disorders on service users.	A.M1 <u>Analyse</u> the changes in the body systems and functions, resulting from different types of physiological disorders on service users	
Learning aim B: Examine the investigation and diagnosis of physiological disorders		
B.P2 <u>Compare</u> investigative and diagnostic procedures for different physiological disorders.	B.M2 <u>Assess</u> the importance of specific procedures in confirming the diagnosis of physiological disorders.	BC.D2 <u>Justify</u> the potential benefits of different investigations and treatment options for service users diagnosed with physiological disorders.
C.P3 <u>Explain</u> the treatment and support available for service users with different physiological disorders.		