

**Type:** Reports

**Subject:** Pharmacology & Nursing Care

**Subject area:** Nursing

**Education Level:** Masters Program

**Length:** 10 pages

**Referencing style:** APA

**Preferred English:** US English

**Spacing Option:** Double

**Title:** heart failure

Instructions: my introduction subject will be heart failure and from this the critical analysis will be of hypertension. the critical understanding of pharmacological interventions will be of furosemide and ace inhibitors. thanks,

## **Assessment guidance Module AC7049 – 3000 word critical appraisal of a pathological manifestation, including pharmacological intervention**

### **Front sheet inclusion checklist**

- Name
- Student ID
- Module code
- Module title
- Word count

### **Other useful guidance:**

Ariel font in size 12

Double line spacing

Page numbers in the footer

Reference list at the end of text in alphabetical order (strict Harvard style)

Suggested: 1 reference per 100 words (be careful not to 'shoehorn' inappropriate references for sake of reference inclusion).

Reference guidance: <https://www.citethemrightonline.com/>

### **Introduction – 20% (approx. 600 words)**

**Introduce a pathological manifestation of your choice and the consequence to patient health, including an interpretation of normal physiology.**

This section will give you the opportunity to identify a pathological manifestation, relevant to your clinical role, to base your critical appraisal upon. This section will act as a 'rationale' for your choice, giving you the opportunity to discuss the relevance of your chosen pathology to worldwide/national/local population health needs.

Non-prescriptive but recommended inclusion criteria:

- Worldwide health status related to chosen pathology
- UK national guidelines i.e NICE, DoH
- National/local statistics (can be in relation to local population health needs for your patient group)
- At risk patient groups
- Potential link to morbidity rates if applicable

## **Critical analysis – 35% (approx. 1050 words)**

### **Provide a critical analysis of available literature relating to your chosen altered physiology**

Within this section, you have the opportunity to identify relevant literature (quantitative will work best) in relation to your chosen altered physiology. This will include research/literature identifying the symptomatic presentation (if grossly applicable), diagnostic testing, with potential inclusion of differential diagnosis.

It is important to be explicit with your chosen altered physiology, collecting research from appropriate academic sources. It is also important to critically analyse the quality of research being used, which can be helped with the use of the recommended resources below.

Non-prescriptive inclusion criteria:

- Symptomatic physical/psychological presentation
- Short potential causation (can be tentative)
- Diagnostic testing in relation to chosen pathology/altered physiology mentioned
- Differential diagnosis if applicable – relating directly to physiology/altered physiology
- Morbidity/mortality and severity of condition

Critical appraisal:

- CASP tool: <https://casp-uk.net/casp-tools-checklists/>
- Roever et al (2015) Critical Analysis of Clinical Research Articles: A Guide for Evaluation. Available at: <https://www.omicsonline.org/open-access/critical-analysis-of-clinical-research-articles-a-guide-for-evaluation-2165-7890-1000e116.pdf>

## **Critical understanding of pharmacological interventions – 35% (approx. 1050 words)**

### **Apply critical understanding of pharmacology and relevant pharmacological interventions to your chosen altered physiological state.**

This section requires evidence based identification of relevant pharmacological intervention (can be linked to guidelines if available). This will lead to identification of pharmacodynamics/mechanisms of

action of relevant pharmacological treatments. If combination therapy is advised, please cover this if possible.

Using a critical level of understanding, identify the most appropriate pharmacological intervention for the chosen altered physiology. You can also identify why this would be more appropriate than alternative pharmacological interventions, including pharmacological contraindications and adverse drug interactions.

A reminder to use appropriate research/literature to support claims made, remembering to use a critical approach.

PLEASE DO NOT LINK THIS SECTION TO NON-MEDICAL PRESCRIBING – this section is around understanding pharmacology and pharmacological intervention, not about prescribing.

### **Critical reflection – 10% (approx. 300 words)**

**Critically reflect upon your learning and application to Advanced Clinical Practice (ACP).**

Relating directly to the 4 pillars within the National Multi-professional ACP framework (<https://www.hee.nhs.uk/our-work/advanced-clinical-practice/multi-professional-framework>) identify areas of learning in relation to your role as an ACP. Linking to 2 pillars will be most likely when considering word count.

Reflect upon how you have addressed your own learning needs in relation to your role as an Advanced Clinical Practitioner. It would be useful to consider your development while on the ACP programme rather than discuss development going forward as this is a reflective section. Due to the short word limit, a reflective model is not advised (however, can be used if you feel necessary).