

T Level Technical Qualification in Health

Occupational specialism assessment (OSA)

Dental Nursing

Assignment 3 - Case study

Assignment brief

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Dental Nursing

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Guidance for students

Student instructions

- read the task briefs carefully before starting your work
- you must work independently and make your own decisions as to how to approach the tasks within the case study assessment
- you must clearly name and date all of the work that you produce during the supervised session
- at the end of the supervised session of tasks 1 and 2, you must submit your assessment evidence to your tutor before you leave the room for your 15 minute break - you will not be given your assessment evidence for tasks 1 and 2 back after this point and therefore you will not be able to make any further changes
- after the 15 minutes break you will be provided with all assessment materials required to complete tasks 3 and 4 only
- at the end of the supervised session of tasks 3 and 4, you must submit your assessment evidence before you leave the room - you will not be given any materials back after this point
- you must not take any assessment materials outside of the room (for example, via a physical memory device)
- you must not upload any work produced to any platform that will allow you to access materials outside of the supervised sessions (including email)

Student information

- the maximum time you will have to complete all tasks for this case study assessment is **4 hours 30 minutes**: 2 hours and 15 minutes are allocated to tasks 1 and 2 - you will submit your assessment evidence for tasks 1 and 2 before taking a 15 minute break; you will then resume tasks 3 and 4 for the remaining 2 hours and 15 minutes
- audio materials are available for tasks 1 and 3; you are allocated 5 minutes to familiarise yourself with the assessment materials before the providers play the audio material - each audio file is played twice and you are advised to only listen during the first playback, you then have a 1 minute break to take notes; the audio file is then played a second, and final time, and you may take further notes
- you are permitted to take another comfort break at your convenience, but it should not exceed 10 minutes - this time is accounted for within the overall exam time and will not be added to your overall time allowance
- you can fail to achieve marks if you do not fully meet the requirements of the task
- the total number of marks available for this assessment is 80

Plagiarism

Copying may result in the external assessment task being awarded a U grade. For further guidance, refer to your student handbook - plagiarism guidance and maladministration and malpractice policy located at www.qualhub.co.uk.

Presentation of work

- all your work should be completed electronically using black font, Arial 12pt, unless otherwise specified, with standard border sizes
- clearly show where sources have been used to support your own ideas and opinions

- clearly reference all sources used to support your own ideas and opinions, including any quotations from websites
- any work not produced electronically must be agreed with your tutor, in which case the evidence you produce should be scanned and submitted as an electronic piece of evidence
- all your work should be clearly labelled with the relevant task number and your student details, and be legible (for example, front page and headers)
- electronic files should be given a clear file name for identification purposes - see tasks for any relevant naming conventions
- all pages of your work should be numbered in the format 'page X of Y', where X is the page number and Y is the total number of pages
- you must complete and sign the assessment cover sheet (ACS) and include it at the front of your assessment task evidence
- you must submit your evidence to the supervisor at the end of the supervised session

SAMPLE

Assignment scenario

You are supporting the dentist and patient throughout a patient's first visit to the dental practice in the city of Leicester, the patient has not visited the dental practice for a long time due to past experiences and anxieties.

As a dental nurse you will be recognising and supporting the patient's concerns and providing support to their oral health.

The resources available to you during the assessment are:

- item A: conversation between patient and dentist, including basic periodontal examination (BPE) recording and short statement on radiograph
- item B: radiograph showing cavities and/or abscesses/periodontal pockets
- item C: patient's clinical notes (separate Excel document)*
- item D: BPE charting (separate Excel document)*
- item E: oral health plan
- item F: conversation between patient and dentist leading to referral
- item G: NHS website
- item H: Gibbs Reflective Cycle
- item I: BPE recording
- item J: General Dental Council (GDC) personal development plan

*Please note: both item A and F are audio files and will be played twice to the student. Both item C and D are provided as a separate Excel document which you will be required to complete as part of the assessment. Further details are provided in the relevant task instructions.

All the other resources are provided in the stimulus materials document.

Task 1: assessment of the patient and scenario

Scenario

A 40 year old patient attends the practice where you work as a dental nurse for a new examination appointment, because they have pain around the upper left 6. You greet the patient at reception and escort them into the dental surgery.

The patient seems to be very nervous. They state that they have not been to the dentist for over 20 years due to fear and past experiences as a child.

The dentist investigates the patient's lifestyle choices, asks about the patient's oral health regime noting that the patient chews tobacco as well as smokes 20 cigarettes per day. The dentist notes that the patient has poor oral health.

Note: The dentist starts their examination at the upper right sextant and proceeds in a clockwise order.

You will be played an audio file of the conversation between the dentist and patient (item A), which provides information for both task 1 and task 2.

The audio file will be played twice. It is advised that you only listen during the first playback. You will then have a 1 minute break to make notes. You will then hear the conversation a second and final time, during which you may make further notes.

Task

Analyse the situation detailed above, using your notes taken whilst listening to the conversation between the dentist and patient (item A). You are also provided with the patient's radiograph for reference (item B).

You should then complete the following:

- write up the patient's clinical notes (item C), identifying at least 2 areas of concern for the patient
- complete the BPE charting (item D)

You should then create a written response that:

- explains how you would prepare for a clinical examination, including which information you would need for the records and how you would comply with legal requirements and guidelines
- explains the importance of accurate record keeping

(20 marks)

Conditions of the assessment

- task 1 must be completed in supervised conditions
- the audio file of the conversation will only be played twice, you will not be permitted to hear it again
- you will have access to the resources included in the assignment brief insert only, previous classroom-based notes/work may not be used
- internet access is not permitted for this task

Evidence requirements

A completed version of item C and item D (Excel document provided), you should name the file as detailed in the submission section below.

A word-processed document that includes your response for the other task requirements.

Submission

- all tasks should be saved separately
- the following filename conventions should be used for all materials produced
 - (Provider_number)_(Student registration number)_(Surname)_(First name)_Task1_(Additional detail of document content if multiple documents are produced per task)

Note: Please request your provider and student number from your tutor.

SAMPLE

Task 2: plan goals and patient outcomes

Scenario

Following on from the patient's visit, the dentist asks you to plan and create an individualised oral health plan, based on the patient's oral health, in preparation for their return visit to the practice.

Task

You should plan and complete an oral health plan (item E), which provides individualised recommendations for the patient. You must consider:

- the patient's medical and social history
- the patient's lifestyle factors

You should use your notes taken from the dentist and patient conversation from task 1 (item A) and the patient's radiograph (item B).

(20 marks)

Conditions of the assessment

- task 2 must be completed in supervised conditions
- you will only have access to your notes taken during the conversation between the dentist and the patient from task 1 (item A) and to the resources included in the assignment brief insert only, previous classroom-based notes/work may not be used
- internet access is not permitted for this task

Evidence requirements

A word-processed, completed oral health plan (item E).

Submission

- all tasks should be saved separately
- the following filename conventions should be used for all materials produced
 - (Provider_number)_(Student registration number)_(Surname)_(First name)_Task2_(Additional detail of document content if multiple documents are produced per task)

Note: Please request your provider and student number from your tutor.

Task 3: implementation of oral health/care/treatment plan

Scenario

The patient has been booked in for the treatment for the localised periodontal disease around the upper left 6.

The patient asks a lot of questions before the treatment and hesitates when speaking. Throughout the treatment the patient is sweating and clenching their fists. They worry that they will be judged for their oral health issues.

The dentist has made the decision to refer the patient for smoking cessation and has provided them with their individualised oral health plan.

The patient has asked for an explanation so that they understand the process and would like some further information on their oral health plan. The dentist has asked you to find the closest support group and get the referral form ready. You explain that the written information the patient has requested will be sent via post.

You will be played an audio file of the conversation between the dentist and patient (item F), which provides information to complete both task 3 and task 4. The audio file will be played twice. It is advised that you only listen during the first playback. You will then have a 1 minute break to make notes. You will then hear the conversation a second and final time, during which you may make further notes.

Task

Analyse the situation detailed above, using your notes whilst listening to the conversation between the dentist and patient (item F), and consult the NHS quit smoking website (item G).

You should then write a response that:

a) Explains your role as a dental nurse throughout the patient's appointment, in terms of:

fears and anxieties

body language

compliance with GDC standards

b) Explains the referral process and oral health plan to the patient, in terms of:

what the referral process is

oral health advice and information, in compliance with GDC standards, on:

smoking cessation in the patient's area, whom to refer to, and the pathway chosen

recommended improvements based on the areas of concern detailed in the oral health plan

(20 marks)

Conditions of the assessment

- task 3 must be completed in supervised conditions
- the audio file of the conversation will only be played twice, you will not be permitted to hear it again
- you will have access to the resources included in the assignment brief insert only, previous classroom-based notes/work may not be used
- you will be allowed to use the internet to access the stated resources for this task and are permitted to access any of the links contained within the webpage that are relevant in terms of completing the task; however,

access to any other online resource (such as advertising links, cloud storage, chat or email applications) is not permitted (privacy mode should be disabled, and policies applied to prevent deletion of browsing history)

Evidence requirements

Word processed response and any further relevant evidence.

A copy of your internet browsing history saved in a .pdf format.

Submission

- all tasks should be saved separately
- the following filename conventions should be used for all materials produced
 - (Provider_number)_(Student registration number)_(Surname)_(First name)_Task3_(Additional detail of document content if multiple documents are produced per task)

Note: Please request your provider and student number from your tutor.

SAMPLE

Task 4: reflection

Scenario

The patient returns to the practice for an appointment to monitor healing. The periodontal disease has improved. The patient has been visiting the smoking cessation support over the past 3 months and has reduced their smoking.

There seems to be a great improvement within the patient's oral health regime from the smoking cessation support and the BPE recording (item I). The dentist is happy and requests the patient book back in for a 6 monthly check-up to keep on top of everything.

As a result of your involvement with this patient's journey, your line manager has conducted an initial one to one meeting to discuss your learning needs. Your line manager has requested that you complete the personal development plan (PDP), ahead of your formal appraisal, as part of your own enhanced continual professional development (ECPD).

Task

Reflecting on your performance throughout all the tasks, you should:

- use the Gibbs reflection cycle (item H) to complete the General Dental Council PDP (item J) to reflect on your involvement with this patient's journey
- referring to your completed PDP, explain the importance of completing and maintaining a PDP for a dental nurse's ECPD

(20 marks)

Conditions of the assessment

- task 4 must be completed in supervised conditions
- you will only have access to the resources included in the assignment brief insert, previous classroom-based notes/work may not be used
- internet access is not permitted for this task

Evidence requirements

A completed version of item J.

A word-processed document which includes your response for the remaining task requirements.

Submission

- all tasks should be saved separately
- the following filename conventions should be used for all materials produced
 - (Provider_number)_(Student registration number)_(Surname)_(First name)_Task4_(Additional detail of document content if multiple documents are produced per task)

Note: Please request your provider and student number from your tutor.

Document information

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Change History Record

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v1.2	Sample added as a watermark	November 2023	22 November 2023