## NSHCS CBD Mark Form - Specialty and core modules

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| Assessment details | |
| Trainee’s name | Mishaal Amir |
| Assessor’s name | Gareth Masson |
| Module title/code | Data Science & Engineering/ S-HI-S1 |
| Case title | PLCM Data Analysis Transition |
| Date of assessment | 29/04/2024 |

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| Marking criteria | | | |
| * Assessors must guide the discussion to make an informed decision on all the elements of practice in this form. * Within the discussion, the trainee must be allowed, or can be prompted, to identify if and how they have drawn on a specific element of practice. * If the trainee correctly identifies that they have not drawn on a specific element because it is not relevant to this case, this should be marked as a pass for that element of practice. | | | |
| Descriptor | Fail | | Pass |
| The trainee demonstrates inadequate and/or unsafe clinical and professional judgement, decision-making and problem solving, with little, no, or incorrect reference to the evidence base to justify their actions with respect to this element of practice. | | The trainee demonstrates sound and balanced clinical and professional judgement, decision-making and problem solving, with reference to the evidence base to justify their actions with respect to this element of practice. |
| Indicators include:   * A significant number of minor errors or one or more major errors were made in handling the case and are not identified or acknowledged. | | Indicators include:   * Identifying where errors or improvements could be made in handling the case and offering suggestions about how the error could be avoided or improvement applied in future practice |
| Practises safely and effectively | Fail | | Pass |
| Feedback: Assessor guidance: consider if the trainee 1. can discuss the relevant procedures involved in the scenario and associated health and safety issues, 2. is able to interpret and report patient results and provide appropriate clinical advice, 3. Demonstrates that their output meeting laboratory/professional standards. | | |
| Practises within their scope of practice | Fail | | Pass |
| Feedback: **Assessor guidance:** Consider if the trainee demonstrates awareness of the limits of responsibility and when to seek advice | | |
| Practises within the legal and ethical boundaries of their profession | Fail | | Pass |
| Feedback: **Assessor guidance**: Consider having a discussion around best practice guidelines | | |
| Practises as an autonomous professional, exercising their own professional judgement | Fail | | Pass |
| Feedback: **Assessor guidance:** Consider if the trainee 1. can discuss the significance of patient results within the clinical context of the referral and is able to interpret and report patient results and provide appropriate clinical advice | | |
| Recognises the impact of culture, equality and diversity on practice and practises in a non-discriminatory and inclusive manner | Fail | | Pass |
| Feedback: **Assessor guidance:** Example discussion points if relevant to scenario: gnomAD – is it diverse enough? What are the consequences of more research on white only populations? Please note: If not relevant to the case, has the trainee demonstrated professionalism and not made any specific discriminatory comments? If yes, then can pass the trainee for this criterion | | |
| Reflects on and reviews practice | Fail | | Pass |
| Feedback: Click or tap here to enter text. | | |
| Assures the quality of their practice | Fail | | Pass |
| Feedback:  **Assessor guidance:** Consider if the trainee understands and applies associated IT/bioinformatics and other appropriate resources and 2. is aware of the importance of audit and can use this tool effectively | | |
| Applies the key concepts of the knowledge base relevant to their profession | Fail | | Pass |
| Feedback: **Assessor guidance:** Consider if the trainee 1. Understands and applies the appropriate test validation, IQC, EQA, relevant professional/clinical guidelines ​and 2. understands and applies associated IT/bioinformatics and other appropriate resources | | |
| Draws on appropriate knowledge and skills to inform practice | Fail | | Pass |
| Feedback: **Assessor guidance:** Consider if the trainee’s output meets accepted laboratory/professional standards 2. understands and applies associated IT/bioinformatics and other appropriate resources | | |
| Overall outcome | If the trainee has failed in any element | | If the trainee has passed all elements |
| Fail | | Pass |
| Overall Feedback | Feedback: **Assessor guidance:** Consider if the trainee has a consideration of the patient and demonstrates professionalism. Please note: the guidance above is not prescriptive and there will be relevant discussion points outside of these which can be pursued | | |
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| Assessor declaration | | | |
| By entering my name below, I confirm that:   * I have appropriate knowledge, skills, and experience to complete this assessment * I have performed this assessment according to the School’s work-based assessment standards * I have completed this assessment objectively and fairly | | | |
| Click or tap here to enter text. | | Click or tap to enter a date. | |
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