Avoiding Stereotypes and Bias in Assessment of Learner Performance

Narrative evaluations can contain bias. Focusing on traits associated with certain groups based on race/ethnicity, gender, or other characteristics reinforces stereotypes and can ignore other aspects of learner performance. Avoid these stereotypes by focusing on observed behaviors and describing competency-based performance. Scan your written evaluation to check for any unintended stereotypes.

Caution: avoid this language	Analysis	Instead, consider using this language
'She was quiet yet participatory.'	'Quiet' can be associated with gender or race/ethnicity.	'She listened well; she participated thoughtfully.'
'She was warm, caring and empathic.' (as the only descriptors)	These are strengths but are also the characteristics that evaluators tend to focus more on for women than men; the evaluator should comment on other competencies as well.	Describe clinical skills, knowledge and interactions with patients and team.
'He worked hard through the rotation.'	Effort is commendable; it is also important to describe performance and connect effort to accomplishments.	'Due to his hard work creating a discharge plan, our team was able to discharge the patient safely to home.'
'He did well despite his many outside responsibilities.' 'Her knowledge grew as she balanced outside family responsibilities.'	Qualified language detracts from the student's accomplishments.	'He contributed to the team by doing' 'She gained knowledge and applied it to her clinical practice.'
'Compared to other people with his background, his performance was'	Avoid focus on comparing students to other students particularly in a stereotyped way; focus on observed performance.	'He successfully performed the following key clinical tasks for this clerkship'
'He contributed a lot to the team despite being gone from the rotation for weekly appointments.'	Student with approved accommodation to attend medical appointments cannot be penalized for this.	Focus narrative on what student did on the service, not when the student was not there.
'After initially not having a very strong fund of knowledge of our specialty, they seemed to read a lot over the course of the rotation.'	The evaluator may be trying to comment on improvement but the focus should be on the student's achievement by the end of the rotation, not just on the deficit.	'The student read a lot and achieved the expected fund of knowledge by the end of the rotation. They applied their reading effectively to patient problems in their notes and case discussions.'

Watch for and ask the student and other team members about student contributions you may not have observed.

Student contribution	Competencies	Description
Spending time with a patient explaining a	Interpersonal and communication skills	'The student spent extra time with the
diagnosis that was unclear to the patient on	Patient care	patient explaining his diagnosis and
rounds		answering questions to ensure his
		understanding and provide reassurance.'
Working on discharge planning to ensure	Systems-based practice	'The student coordinated discharge
that the patient will receive all of her	Interprofessional collaboration	planning for a complex patient discharge
medications, have secure housing, and		by working with the with the
understand her follow up appointments		pharmacist, case manager, and resident
		to ensure that the patient understood
		the discharge plans. This included
		finding a pharmacy to provide all of the
		prescribed medications, securing
		temporary housing and explaining the
		plans to the patient to confirm her
		understanding.'
Answering questions from a patient's family	Interpersonal and communication skills	'When a patient's family had questions
about an upcoming procedure		about an upcoming procedure, the
		student listened to their questions and
		concerns with empathy. The student
		then coordinated with the resident to
		answer all of their questions accurately
		and thoroughly.'

References

- Addressing Harmful Bias and Eliminating Discrimination in Health Professions Learning Environments. Macy Foundation Conference Recommendations 2020. https://macyfoundation.org/assets/reports/publications/jmf_2020_confsummary_fin.pdf
- 2. Lucey CR, Hauer KE, Boatright D, Fernandez A. Medical education's wicked problem: achieving equity in assessment for medical learners. Academic Medicine, 2020.
- 3. Mueller AS, Jenkins TM, Osborne M, Dayal A, O'Connor DM, Arora VM. Gender differences in attending physicians' feedback to residents: A qualitative analysis. J Grad Med Educ. 2017;9:577–585.
- 4. Rojek AE, Khanna A, Yim JWL, Gardner R, Lisker S, Hauer KE, Lucey C, Sarkar U. Differences in narrative language in evaluations of medical students by gender and under-represented minority status. J Gen Intern Med. 2019;34:684–691.
- 5. Ross DA, Boatright D, Nunez-Smith M, Jordan A, Chekroud A, Moore EZ. <u>Differences in words used to describe racial and gender groups in medical student performance evaluations.</u> PloS One. 2017;12(8):e0181659.
- 6. Teherani A, Perez S, Muller-Juge V, Lupton K, Hauer KE. A narrative study of equity in clinical assessment through the anti-deficit lens. Academic Medicine, 2020.