

## Using human factors methods to mitigate bias in artificial intelligence-based clinical decision support.

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The potential for bias in artificial intelligence (AI) training data is a well-known problem, but the potential for bias resulting from a poorly designed [user interface](#) (UI) is less studied. The authors use their experience developing a machine learning-based clinical decision support tool to highlight three considerations in designing UIs for AI applications: (1) bias is not just about the algorithm, (2) it is possible to identify bias and interpretation errors [before](#) an application is released, and (3) risk communication strategies can influence bias in unexpected ways.