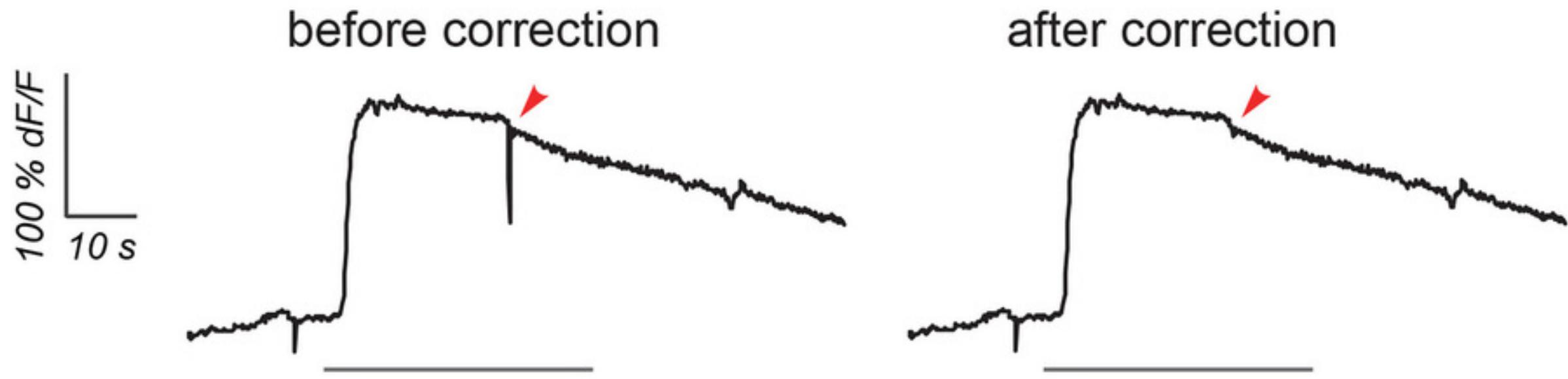


**a**

(a) Representative fluorescent trace before and after movement artifact correction. The fluorescence intensity value before the moving frame was duplicated to mask the artifact. (b) In case of excessive movement the same procedure cannot be applied, and it is recommended to discard the recording.

**b**