Reviewer’s report

Title: Validation of a novel Kinect-based device for 3D scanning of the foot plantar surface in weight-bearing

Version: 1 Date: 31 Jul 2019

Reviewer: Nathan Collins

Reviewer's report:

Thank you for your revisions and the opportunity to review your manuscript. I believe the changes have improved the readability and clarity of your article.

Please read below for some minor modifications to be made, primarily grammar issues.

Kind regards,

Nathan Collins

Page 2, Line 29: 'needs' can be singular here: '...fulfilling the technological need for custom devices...'

Page 4, Line 49: insert 'a': 'application as a static body scanner'

Page 4, Line 51: insert 'a': 'and as a motion analysis tool'

Page 4, Line 54: insert 'a': 'study as a 3d foot scanner'

Page 6, 24: There is still an issue here with commonly used terminology. Most articles in the podiatry/orthotics field will refer to 'semi weight-bearing' as the position where the client is seated with feet resting on the floor. A client in bi-pedal standing is referred to as 'weight-bearing' or 'full weight-bearing'. To stay consistent with this accepted terminology, this should be changed to '..taken in bipedal standing - or full weight-bearing;'

Page 7, Line 20: 'Custom software...' rather than 'A custom software....'

Page 10, Line 35: insert 'the': 'Most of the current...'

Page 10, Line 40: remove 'condition': '...scanning in weight-bearing.'
Page 10, Line 40: insert 'foot's'. A possessive apostrophe is appropriate here (I think!): '...estimate the foot's main....'

Page 11, Line 25: as above: '...which is the foot's most...'

Page 11, Line 48: remove 'also inter-operator': '...can reasonably be expected.'

Page 12, Line 10: remove 'little': '...explained by compression of the....'

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