Reviewer’s report

Title: Torsion bottle, a very simple, reliable and cheap tool for a basic scoliosis screening

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Reviewer: Jean Claude De Mauroy

Reviewer’s report:

Thanks to the authors for their initiative in favor of scoliosis screening.

The term "Torsion"of Torsion bottle seems inappropriate. The torsion can be applied to the spine, but with more difficulty to the trunk as the rib hump is not the rotation of the trunk. Perhaps "trunk rotation bottle"

1 22 "part" is written twice

1 98 The reference to the Adam’s test is missing

1 125 § 135 To note the point of contact may introduce a bias, because the bottle is a cylinder and the scoliometer a plan. The choice of the point of contact may be different. Did the authors check without noting the point of contact?

1 188, It should be mentioned smartphone applications less than 10 €.

Discussion

It should be noted that the bottle does not quantify the degree of the rib hump, unlike the scoliometer.

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