



Exercise oximetry in patients with arterial claudication

Submitted by Beatrice Guillaumat on Tue, 06/04/2019 - 16:21

Titre	Exercice oximetry in patients with arterial claudication
Type de publication	Article de revue
Auteur	Abraham, Pierre [1], Lesourd, Laura [2], Guilleron, Celine [3], Durand, Sylvain [4], Ammi, Myriam [5], Henni, Samir [6]
Editeur	Elsevier
Type	Article scientifique dans une revue à comité de lecture
Année	2018
Langue	Anglais
Date	Mai 2018
Pagination	243-244
Volume	272
Titre de la revue	Atherosclerosis
ISSN	1879-1484
Mots-clés	Claudication [7], Diagnosis [8], Exercise Test [9], Peripheral artery disease [10], Transcutaneous partial tissue oxygen pressure [11]
Résumé en anglais	<p>We read with interest the paper of Kovacs et al. published in Atherosclerosis [1]. The authors used discontinuous transcutaneous oxygen pressure measurement (TcPO₂) in patients with claudication and suggested that the performance of exercise-TcPO₂ was lower than post-exercise toe pressure. One issue when using TcPO₂ relates to the local heating of the skin that takes at least 15 min to attain stable values. Once stable values are reached, the simultaneous and continuous measurements of limb and chest TcPO₂ before, during, and following exercise can accurately detect exercise-induced lower limb ischemia with calculation of the "DROP" (limb changes minus chest changes) and analysis of minimal-DROP [2,3], as well as exercise induced systemic hypoxemia by analysis of chest changes during exercise [4].</p>
URL de la notice	http://okina.univ-angers.fr/publications/ua19695 [12]
DOI	10.1016/j.atherosclerosis.2018.02.032 [13]
Lien vers le document	https://www.atherosclerosis-journal.com/article/S0021-9150(14)(18)30106-0/fulltext
Autre titre	Atherosclerosis
Identifiant (ID) PubMed	29523341 [15]

Liens

[1] <http://okina.univ-angers.fr/pierre.abraham/publications>

[2] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=37312>

[3] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=37313>

- [4] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=2083>
- [5] <http://okina.univ-angers.fr/publications?f%5Bauthor%5D=29689>
- [6] <http://okina.univ-angers.fr/shenni/publications>
- [7] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=25712>
- [8] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=7585>
- [9] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=12757>
- [10] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=9971>
- [11] <http://okina.univ-angers.fr/publications?f%5Bkeyword%5D=28403>
- [12] <http://okina.univ-angers.fr/publications/ua19695>
- [13] <http://dx.doi.org/10.1016/j.atherosclerosis.2018.02.032>
- [14] <https://www.atherosclerosis-journal.com/article/S0021-9150>
- [15] <http://www.ncbi.nlm.nih.gov/pubmed/29523341?dopt=Abstract>

Publié sur *Okina* (<http://okina.univ-angers.fr>)