

Special Issue on
Bone Quality in Secondary Osteoporosis

CALL FOR PAPERS

Osteoporosis is one of the leading causes of morbidity and mortality in postmenopausal women and older men. Up to 30% of postmenopausal women and 50–80% of men are found to have underlying secondary cause of the disease, such as glucocorticoid induced diabetes mellitus, rheumatoid arthritis, and malabsorption. BMD as a predictor of fractures is currently used for diagnosing patients with osteoporosis but only explains less than 20% of those who fracture. Fractures may occur at reasonably normal BMDs limiting the value of BMD in these patients. Bone structure information together with bone turnover markers can supplement bone density in estimating bone strength of individuals.

In the recent years methods for characterizing bone geometry and microarchitecture including quantitative CT, high-resolution peripheral quantitative CT, high-resolution MRI, and micro-CT have been intensively studied. Currently, there are a lot of discussions about trabecular bone score (TBS), an easy determinant of trabecular bone microarchitecture which promises sufficient use in patients with secondary osteoporosis. For the “gold standard” is considered the bone histomorphometry, this method is invasive and potentially unable to be used in daily practice.

This special issue is intended to present and discuss pitfalls of diagnosis, bone quality, and fracture risk assessment of patients with secondary caused osteoporosis.

Potential topics include but are not limited to the following:

- ▶ Assessment of bone quality by one of the methods mentioned
- ▶ Comparison of methods in identifying or stratifying risk of future fractures
- ▶ The relationships between bone quality and different treatments of secondary osteoporosis
- ▶ Experiences with specific osteoporosis treatment effect on bone quality in addition to treatment of underlying cause of osteoporosis
- ▶ Bone structure reflecting bone quality by comparison of particular causes of secondary osteoporosis or comparison to postmenopausal osteoporosis
- ▶ Effects of vitamin D in treatment of patients with secondary osteoporosis

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ije/bqso/>.

Lead Guest Editor

Juraj Payer, Comenius University,
Bratislava, Slovakia
payer@ru.unb.sk

Guest Editors

Didier Hans, University of Lausanne,
Lausanne, Switzerland
didier.hans@ascendys.ch

Heinrich Resch, Medical University of
Vienna, Vienna, Austria
heinrich.resch@bhs.at

Neil Binkley, University of Wisconsin,
Madison, Wisconsin, USA
nbinkley@wisc.edu

Manuscript Due

Friday, 28 October 2016

First Round of Reviews

Friday, 20 January 2017

Publication Date

Friday, 17 March 2017