Preface to 2017 focused issue: Quantitative Imaging of Thoracic Diseases

The importance of quantitative imaging has been increasingly recognized both in clinical and research settings, motivated particularly by the growing need for individualized precision medicine. This focused issue of *Journal of Thoracic Disease* highlights current topics in the field of quantitative imaging addressing many common yet in the meantime debilitating diseases in the chest. The authors have succeeded in covering a wide range of quantitative morphometric and compositional methods applied to various chest diseases affecting organs such as lung, esophageal, cardiovascular system, thyroid, and breast. With the recent development of radiological technologies, there have been a variety of novel imaging tools available for use in the management of thoracic diseases. Radiologists, pulmonologists and thoracic surgeons should be familiar with these novel imaging diagnostic tools, and the best available evidences on how diagnostic imaging can impact clinical care for the patients.

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