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Electron Microscopy and Bone Disease a useful tool or research fad?

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"*There can hardly be a disease or pathological process where electron microscopy has not added new details and dimensions to existing knowledge. The innumerable published papers and books on the ultrastructure of tissues altered by disease or experimental procedures bears eloquent testimony to the many major contributions made by this technique*". This quote from Ghadially would suggest that EM is ubiquitously used in all fields of scientific endeavour, both research and diagnosis. And yet, it is not used as much in the field of 'bone biology' as one might believe. Why not? are there barriers to it integrated use in routine daily diagnostic activities. What *has* been the contribution of EM to studying and diagnosing bone dysfunction. Does EM have a future diagnostic role in orthopaedics? Some of these aspects will considered, as we put 'electron microscopy' *under the microscope.*

Hirohita K and Morimoto K "Ultrastructure of Bone and Joint Diseases" published by Excerta Medica ISBN 9021930358 1971