Giant fibrous dysplasia arising from ribs

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A 46-year-old male patient with swelling and pain in the right chest wall was admitted to our clinic. The lesion originating from the second, third and fourth ribs was resected en bloc via right thoracotomy (Figs 1 and 2). The defect was closed using prolene mesh. Pathological examination revealed a fibrous dysplasia.  

Figure 1: Axial and coronal CT images showing the lesion originating from the ribs at the right side. The lesion was 15x7 cm in size, with lobulated, irregular and calcified contours.  

Figure 2: 3D bone reconstruction images showing the expansile lesion at the antero-superior of thoracic cage.