Calciﬁed pulmonary chondromas in Carney’s triad

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A 20-year-old woman presented with haematemia. Endoscopy identiﬁed gastric ulceration. Chest imaging (ﬁgures 1 and 2) and subsequent surgical biopsy conﬁrmed pulmonary chondromas (ﬁgures 3 and 4). These benign cartilaginous tumours, typically found in young women, can form part of ‘Carney’s triad’ with gastrointestinal stromal tumours (GISTS) and paraganglioma.1 Twenty-one years later, she developed further gastric ulceration,
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histology confirming a GIST (figures 5 and 6). She has now had 2 years of imatinib therapy and remains well. As yet, she has not developed paraganglioma or other organ involvement, but incomplete expression of Carney’s triad is reported. Clinicians should be mindful that, albeit rarely, more serious extrapulmonary pathology can be associated with benign pulmonary chondromas.

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REFERENCE


Figure 5  Highly cellular spindle cell tumour representing gastrointestinal stromal tumour (×100 H&E).

Figure 6  CD117 (cKIT) immunohistochemistry strongly positive in gastrointestinal stromal tumour (×100).