

SUPPLEMENTARY INFORMATION

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to:

Florence MF Cheung, J Guan, QG Luo, Alan DL Sihoe, XP Shen. Ciliated muconodular papillary tumour of the lung mimicking mucinous adenocarcinoma: a case report and literature review. Hong Kong Med J 2019;25:71–3. https://doi.org/10.12809/hkmj165032

Appendix. Clinical, radiological, pathological and follow-up findings of 12 case reports on CMNPT and present case (page 1)

APPENDIX. Clinical, radiological, pathological and follow-up findings of 12 case reports on CMNPT and present case

First author, year	No. of cases	Sex/age (years)	Presentation (No. of patients)	CT appearance	Histomorphology	Associated conditions (No. of patients)	Treatment (No. of patients)	Follow- up data (months)
Ishikawa, 2002¹	1	F/50	AS	Irregular nodule 15 mm	Tripartite, P	NS	L	Indolent
Aida, 2008 ²	3	M/75, F/53, M/72	Haemoptysis (1), AS (2)	Irregular nodule 10-14 mm	Tripartite, GP	CS (2)	L (1), PR (2)	NED (3-84)
Harada, 2008 ³	1	M/62	AS	Irregular nodule 9 mm	Tripartite, P	CS, thyroid cancer	PR	NED (24)
Arai, 2010 ⁴	3	F/72, F/61, M/77	AS	Irregular nodule 10-21 mm	Tripartite, GP	NA	Surgery	NED (29-43)
Sato, 2010 ⁵	2	M/67, F/59	AS	Peripheral nodule 7-9 mm	Tripartite, P	CS, NS	Partial excision	NED (10-18)
Hata, 2012 ⁶	1	F/76	Cough	Irregular nodule 7 mm	Tripartite, P	NS	L	NED (23)
Chuang, 2014 ⁷	1	M/68	Chest pain	Solitary nodule 12 mm	Tripartite, P	CS	WR	NED (48)
Kamata, 2015 ⁸	10	M (n=7), F (n=3) / 56-78	AS (9), cough (1)	Irregular nodule, central cavity, 6-15 mm	Tripartite, GP	CS (5), NS (5)	WR (8), S (1), L (1)	NED (2-88)
Chu, 20159	1	M/56	AS	Irregular nodule 11 mm	Tripartite, GP	Colon cancer	S	NED (60)
Lau, 2016 ¹⁰	1	F/19	AS	Nodule, 12 mm, central cavity	Tripartite, GP	NS	WR	NA
Ishikawa, 2016 ¹¹	5	M/66, M/70, M/77, F/67, F/82	AS	Irregular nodule 5-45 mm	Tripartite, P	CS (3), NS (2)	L (2), PR (3)	NED (19-58)
Liu, 2016 ¹² (non-Asian)	4	M/60, F/71, F/81, F/83	AS	Irregular nodule, central cavity, 4-12 mm	Tripartite, GP	CS (1), cancer of other sites	WR (3), L (1)	NED (7, 120)
Present case	1	M/61	AS	Spiculated nodule, central cavity, 10 mm	Tripartite, GP	Peribronchiolar metaplasia, CS	L	NED (12)

Abbreviations: AS = asymptomatic; CS = chronic smoker; CT = computed tomography; F = female; GP = glandulopapillary; L = lobectomy; M = male; NA = not available; NED = no evidence of disease; NA = not available; NS = non-smokers; P = papillary; PR = partial resection; S = segmentectomy; tripartite (ciliated, mucinous and basal cells); WR = wedge resection

References

- 1. Ishikawa Y. Ciliated muconodular papillary tumor of the peripheral lung: benign or malignant [in Japanese]. Pathol Clin Med (Byouri-to-Rinsho) 2002;20:964-5.
- 2. Aida S, Ohara I, Shimazaki H, et al. Solitary peripheral ciliated glandular papillomas of the lung: a report of 3 cases. Am J Surg Pathol 2008;32:1489-94.
- 3. Harada T, Akiyama Y, Ogasawara H, et al. Ciliated muconodular papillary tumor of the peripheral lung: A newly defined rare tumor. Respiratory Medicine CME 2008;1:176-8.
- 4. Arai Y, Shimizu S, Eimoto T, et al. Peripheral pulmonary papillary/glandular neoplasms with ciliated cells and a component of well-differentiated adenocarcinoma: report of three tumours. Histopathology 2010;56:265-9.
- 5. Sato S, Koike T, Homma K, et al. Ciliated muconodular papillary tumour of the lung: a newly defined low-grade malignant tumour. Interact Cardiovasc Thorac Surg 2010;11:685-7.
- 6. Hata Y, Yuasa R, Sato F, et al. Ciliated muconodular papillary tumor of the lung: a newly defined low-grade malignant tumor with CT findings reminiscent of adenocarcinoma. Jpn J Clin Oncol 2013;43:205-7.
- 7. Chuang HW, Liao JB, Chang HC, et al. Ciliated muconodular papillary tumor of the lung: a newly defined peripheral pulmonary tumor with conspicuous mucin pool mimicking colloid adenocarcinoma: a case report and review of literature. Pathol Int 2014;64:352-7.
- 8. Kamata T, Sunami K, Yoshida A, et al. Frequent *BRAF* or *EGFR* mutations in ciliated muconodular papillary tumors of the lung. J Thorac Oncol 2016;11:261-5.
- 9. Chu HH, Park SY, Cha EJ. Ciliated muconodular papillary tumor of the lung: The risk of false-positive diagnosis in frozen section. Human Pathology: Case Reports 2017;7:8-10.
- 10. Lau KW, Aubry MC, Tan GS, et al. Ciliated muconodular papillary tumor: a solitary peripheral lung nodule in a teenage girl. Hum Pathol 2016;49:22-6.
- 11. Ishikawa M, Sumitomo S, Imamura N, et al. Ciliated muconodular papillary tumor of the lung: report of five cases. J Surg Case Rep 2016;2016.pii:rjw144.
- 12. Liu L, Aesif SW, Kipp BR, et al. Ciliated muconodular papillary tumors of the lung can occur in Western patients and show mutations in *BRAF* and *AKT1*. Am J Surg Pathol 2016;40:1631-6.