

# Giant Papilloma OR Nevus Lipomatosus Superficialis: An Incidental Finding in a Patient with Chronic Obstructive Pulmonary Disease

PUJA UPADHYAY<sup>1</sup>, BABAJI GHEWADE<sup>2</sup>, ULHAS JADHAV<sup>3</sup>, PANKAJ WAGH<sup>4</sup>

**Keywords:** Benign tumour, Cauliflower-like growth, Hamartoma, Human papillomavirus

A 65-year-old female presented to the Department of Respiratory Medicine with chief complaints of breathlessness (modified Medical Research Council (mMRC) Dyspnoea Scale Grade 2) [1] for seven days and cough with mucoid expectoration for 15 days. She was a known case of Chronic Obstructive Pulmonary Disease (COPD) and was on regular medication for the same. On general examination, a mass-like structure was seen protruding from her middle back. Upon further inspection, it was identified as a cauliflower-like mass, approximately 10x15 cm in size, with a stalk [Table/Fig-1]. The mass had a smooth surface and was skin-coloured, painless, and non tender. No foreign body was present. The patient first noticed the mass two years ago, while bathing. Initially, it was a small non tender swelling the size of a pea, which gradually grew to its present size. The mass did not cause any pain or disruption in daily activities, except for minimal discomfort, while lying on her back due to its size. As a result, the patient did not seek medical attention for it. Surgery and dermatology opinions were obtained, and a working diagnosis of squamous cell papilloma vs nevus lipomatosus cutaneous superficialis was made. The patient declined surgical intervention, and thus, a confirmed histopathological diagnosis could not be established.



**[Table/Fig-1]:** A cauliflower-like mass lesion over the back (pedunculated appearance).

A papilloma is a benign non cancerous tumour that originates from an epithelial surface and typically grows outward [2]. Squamous cell papillomas, which appear as frond-like tumours, can develop on various parts of the body with squamous epithelium. Most of these lesions are caused by the Human Papillomavirus (HPV) and are contagious upon contact, except for cutaneous papillomas. In immunocompetent patients, papillomas are usually self-limiting [3]. Nevus lipomatosus

cutaneous superficialis is a benign hamartoma of the skin. It is a rare tumour with an unknown cause and is a cosmetic defect that produces no symptoms or discomfort. There are two major types: multiple or classic type with segmentally distributed multiple lesions, and solitary type presenting as a solitary papule or nodule [4,5]. It is characterised by the presence of mature adipocytes in the reticular dermis without involvement of the underlying subcutaneous tissue. Both squamous cell papilloma and nevus lipomatosus cutaneous superficialis are mostly asymptomatic conditions that do not cause discomfort to the patient. If treatment is required or desired, surgical excision is performed, and confirmation of diagnosis is done through histopathological examination. In a case report by Mehdiratta S et al., a similar lesion was discussed on the gluteal region in a 69-year-old male. The lesion was a single, soft, well-defined, skin-coloured, cerebriform pedunculated mass measuring 4.5x3.5x2 cm. The lesion grew slowly and gradually, was painless, and not associated with inflammation or discomfort, which is similar to the findings in the present case. Mehdiratta S et al., made a working diagnosis of papilloma and an excisional biopsy was performed [6]. The histopathological examination revealed the diagnosis of nevus lipomatosus cutaneous superficialis.

## REFERENCES

- [1] Munari AB, Gulart AA, Dos Santos K, Venâncio RS, Karloh M, Mayer AF. Modified medical research council dyspnea scale in GOLD classification better reflects physical activities of daily living. *Respiratory Care* [internet]. 2018;63(1):77-85. Available from: <https://rc.rcjournal.com/content/63/1/77>.
- [2] Sabry AO, Patel BC. Papilloma. In: *statpearls* [internet]. Treasure Island (FL): Statpearls publishing; 2023 [cited 2023 may 9]. Available from: <http://www.ncbi.nlm.nih.gov/books/nbk560737/>.
- [3] Aldhafeeri K, Alshaikh M, Kilany F, Alkhaldi S, Alamri A. Unusual manifestation of benign squamous papilloma of the uvula: A case report and review of literature. *Cureus* [Internet]. [Cited 2023 Jun 16];12(1):e6716. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/pmc7034761/>.
- [4] Dudani S, Malik A, Mani Ns. Nevus lipomatosus cutaneous superficialis-a clinicopathologic study of the solitary type. *Med J Armed Forces India* [internet]. 2016;72(1):67-70. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/pmc4723697/>.
- [5] Jain A, Sharma A, Sharda R, Aggarwal C. Nevus lipomatosus cutaneous superficialis: A rare hamartoma. *Indian j surg oncol* [internet]. 2020;11(1):147-49. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/pmc7064687/>.
- [6] Mehdiratta S, Mufti ST, Tahir S, Faridi MMA. Nevus lipomatosus cutaneous superficialis presenting as papilloma: a case report. *IP Indian J Clin Exp Dermatol* [internet]. 2021;7(4):367-69. Available from: <https://www.ijced.org/article-details/15419>.

### PARTICULARS OF CONTRIBUTORS:

1. Resident, Department of Respiratory Medicine, JNMC, Datta Meghe Institute of Higher Education and Research, Wardha, Maharashtra, India.
2. Professor, Department of Respiratory Medicine, JNMC, Datta Meghe Institute of Higher Education and Research, Wardha, Maharashtra, India.
3. Professor and Head, Department of Respiratory Medicine, JNMC, Datta Meghe Institute of Higher Education and Research, Wardha, Maharashtra, India.
4. Assistant Professor, Department of Respiratory Medicine, JNMC, Datta Meghe Institute of Higher Education and Research, Wardha, Maharashtra, India.

### NAME, ADDRESS, E-MAIL ID OF THE CORRESPONDING AUTHOR:

Puja Upadhyay,  
Room No. T17, Radhikabai Hostel, JNMC, Sawangi (Meghe),  
Wardha-442107, Maharashtra, India.  
E-mail: pujaupadhyay7@gmail.com

### AUTHOR DECLARATION:

- Financial or Other Competing Interests: None
- Was informed consent obtained from the subjects involved in the study? Yes
- For any images presented appropriate consent has been obtained from the subjects. Yes

### PLAGIARISM CHECKING METHODS:

- Plagiarism X-checker: May 16, 2023
- Manual Googling: Jun 02, 2023
- iThenticate Software: Jun 23, 2023 (16%)

### ETYMOLOGY: Author Origin

### EMENDATIONS: 6

Date of Submission: **May 12, 2023**

Date of Peer Review: **May 29, 2023**

Date of Acceptance: **Jun 30, 2023**

Date of Publishing: **Sep 01, 2023**