



LIPOMA

Definition

Types

Clinical features

Complications

Treatment and
differential diagnosis

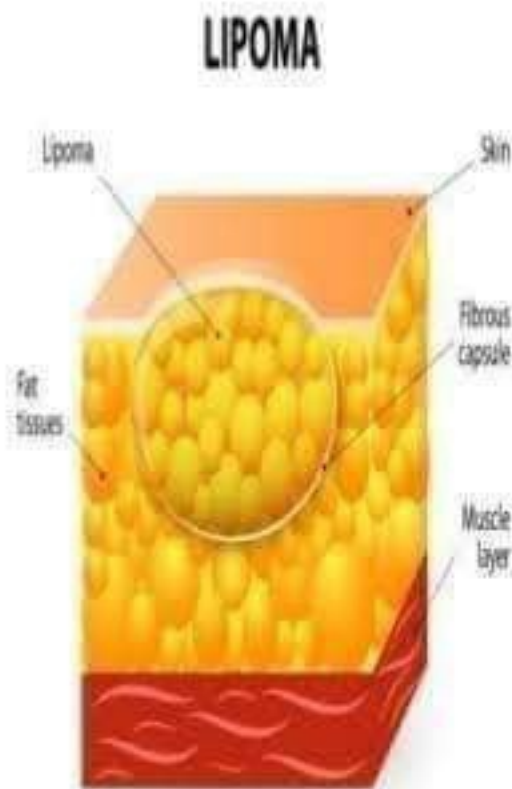
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Definition

- ▶ Lipomas are single or multiple subcutaneous tumours, easily recognizable by the soft, round/lobulated shape they have.
- ▶ They do not develop into cancer as they are made of fat cells with the same morphology as normal ones and can't propagate.
- ▶ They can appear everywhere but are usually found on the chest, the neck, the arms and the back
- ▶ They are the most common non-cancerous growth of soft tissue.




Causes of Lipomas

- The tendency to develop a lipoma is not necessarily hereditary although hereditary conditions, such as familial multiple lipomatosis, may include lipoma development.
- Gardeners syndrome
- Dercums' syndrome

- Cases have been reported where minor injuries are alleged to have triggered the growth of a lipoma, called "post-traumatic lipomas". However, the link between trauma and the development of lipomas is controversial.

EPIDEMIOLOGY

- ▶ Lipomas are commonly found in adults from 40 to 60 years of age but can also be found in younger adults and children.
 - ▶ In the oral and maxillofacial region its occurrence is less frequent, representing about 0.5% to 5% of all benign oral tumours
 - ▶ The most commonly affected extra-cutaneous sites are the breast and thyroid
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TYPES

- ❑ Encapsulated s/c lipoma
- ❑ Diffuse variety
- ❑ Multiple lipomas- Dercum's d/s

CLINICAL FEATURES

- Localized, lobular, non-tender
- Semi-fluctuant
- Mobile
- Slip sign
- Skin free
- Pedunculated +/-

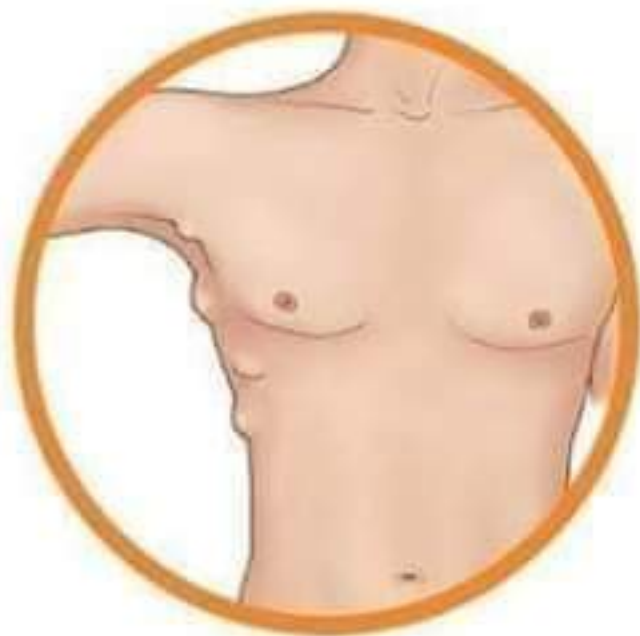
Differential diagnosis: Lipomatous tumors

Tumor type	Cytogenetics
Lipoma	12q13~15 changes 6p changes 13q deletions
Atypical lipoma/WD liposarcoma	+r/mar
Lipoblastoma	8q11~13 changes
Fusocellular lipoma	16q13~qter deletions
Hybernoma	11q13~21 changes
Liposarcoma	
- myxoid/round cell	t(12;16)(q13;p11)
- pleomorphic	Complex changes

Lipoma

- Slow growing, fatty lump
- Are mobile and “squishy” to the touch
- Are not usually tender
- Most commonly found in middle age
- Some people have more than one at a time
- Lipomas are most often harmless and go untreated
- *If* the lipoma is bothersome, painful or growing, patient may have it removed

WHAT ARE THE SYMPTOMS OF SKIN LIPOMA?



- ✓ SMALL, ROUND MASSES THAT ARE LESS THAN THREE INCHES IN DIAMETER
- ✓ LESIONS ARE SOFT AND DOUGHY TO FEEL
- ✓ EASILY MOVE WHEN SLIGHT PRESSURE IS APPLIED
- ✓ SKIN LIPOMAS ARE GENERALLY NOT PAINFUL