

FINAL DIAGNOSIS

Acral lentiginous malignant melanoma of left sole, Breslow thickness 2.4 mm, Clark level IV, with regional lymph node metastasis – Stage III disease

MANAGEMENT:

- **Surgical**
 - Wide local excision with 2 cm margins
 - Sentinel lymph node biopsy / therapeutic lymph node dissection
- **Adjuvant Therapy**
 - Immunotherapy
 - Anti-PD-1 agents (Nivolumab / Pembrolizumab)
 - Targeted therapy (if BRAF mutation positive)
 - BRAF inhibitors (Vemurafenib) + MEK inhibitors

Conclusion:

A 52-year-old farmer, who gives a history of working for long hours, no clinical symptoms, other than just the presence of the lesion which has progressively grown in size recently.

Dermoscopy findings, histopathological findings, positive IHC markers and with the help of Clark level of staging, patient has been diagnosed to have Acral lentiginous malignant melanoma of left sole with a Breslow's thickness of 2.4mm with regional lymph node metastasis, stage 3 disease, for which management includes both surgical and adjuvant therapy.

Regular follow up with the dermatologist is required as well as self-examination is important in this case.