**Shave Biopsy Device with Depth Gauge**

**Description**

[Diagram of the shave biopsy device]

**Category:** Medical Device

**Invention**

The invention is a simple to use, cost-effective, shave biopsy device with depth gauge that can be used to sample tissue safely, effectively, and accurately. The depth gauge provides the user real-time slicing depth to facilitate excising a sufficient portion of a skin lesion while minimizing excess tissue removal and risk for scarring.

**Background**

Shave biopsy is a common technique utilized by clinicians to obtain a tissue sample for determining if a skin lesion is benign or potentially harmful to a patient. During a shave biopsy, a portion of a skin lesion is typically shaved off. As such, the slicing depth can be critical. If the biopsied lesion is too deep, the risk for bleeding, infections, damage to underlying tissue structures, scarring, and slow healing, is increased. On the other hand, if a biopsy is too shallow, adequate staging of the biopsied lesion and/or future treatment can be unnecessarily complicated.

**Advantages**

- Intuitive and simple to use
- Low-cost
- Real-time, accurate depth measurement
- Minimizes excess tissue removal

**Status**

- Patent pending.

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**Technology Commercialization Contact**

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