Decubitus as a Cause of Death even in the 21st Century

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The aim of the study was to analyze the incidence of decubitus in patients hospitalized and undergoing a surgery at the 1st Surgical Clinic (St. Anna’s Hospital in Brno) in 2015.
Methods:

"A retrospective analysis of data from the hospital data system and a specific electronic tool (i-hojeni.cz). The statistical software R was used to obtain results of Pearson’s Chi-squared test with Yates’ continuity correction and statistical significance level of 0.05."
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Diagnoses of patients with decubitus

- Traumas: 21 (68%)
- Tumors: 5 (16%)
- Inflammatory diseases: 4 (13%)
- Bleeding: 1 (3%)

Accident and wound treatment.
Localization of decubitus in monitored patients

![Diagram showing the localization of decubitus lesions in different body areas. The diagram includes counts for the buttocks (12), sacrum (7), heel (17), and scapulae (1).]
The majority of the 3,937 hospitalized patients underwent a surgery \( (n = 3,431; 86.4\%) \).

A newly developed decubitus was detected in 31 patients.

The mean age of patients was 82.61 years, the majority were women \( (18:13) \).

Mean body mass index (BMI) was 25.37, mean duration of hospitalization reached 26.67 days.

Mean decubitus grade within our group was 1.64.

Five patients had more than one decubitus.

Decubitus were most frequently located in the area of heel, followed by buttocks area and sacrum.

Development of a pressure ulcer was independent of BMI \( (p > 0.05) \).

There was an association between patient age and development of decubitus \( (p = 0.02493) \).

Three patients died of decubitus.
"In spite of implementation of all available preventive measures, decubitus ulcers still occur in surgically treated patients in the 21st century and their treatment is associated with significant financial and time cost."
Vision without action is daydreaming, dreaming is vision