Structure indicators (system-centered):

- Hospital (4 hospitals; 3 dummy variables)
- Unit type: (1) medical, (2) surgical, and (3) medical-surgical combined (2 dummy variables)
- Total nursing hours/patient-day
- Percentage of the total nursing hours/patient-day supplied by RNs

Structure indicators (patient characteristics):

- Percentage of patients aged 65 years or older
- Average CMI
- Percentage of patients with altered mental status/cognitive impairment
- Percentage of patients with hearing problems

Process indicator (patient-centered):

Call light use rate/patient-day

Process indicator (staff-centered):

Average response time to call lights

Dependent Variables

Outcome indicators (patient-centered):

Fall rate/1000 patient-days

Injurious fall rate per 1000/ patient-days

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