

# Medical Data Gathering Application

- **Problem**

- The client gathers information for the International Pressure Ulcer Prevalence survey. This involves nurses going bed to bed to enter information on a paper form. The paper forms were collated and scanned.
- Data was then manually processed, and reports were generated weeks after the collection ended.

- **Solution**

- The solution was to implement a Power Pages Portal with a customized data gathering wizard.
- Users were created and invited into the system, enabling the use of the row level security to provide access at the appropriate level: Department vs Hospital vs Healthcare system.
- Data was exported from Dataverse to a data warehouse and then Power BI used to generate the reports.
- The Power BI reports were then embedded into the portal for in context review.

- **Benefits**

- The solution enabled faster compilation of the results enabling hospitals to see how they perform against the average quicker.
- Cost of executing the yearly survey were reduced to near \$0 in year 2.
- Survey questions and options can be modified much later in the process
- Localization has been performed enabling use in new markets.