



BrightLearn Hospital
Fostering Support at Every Stage

Hospital Readmission

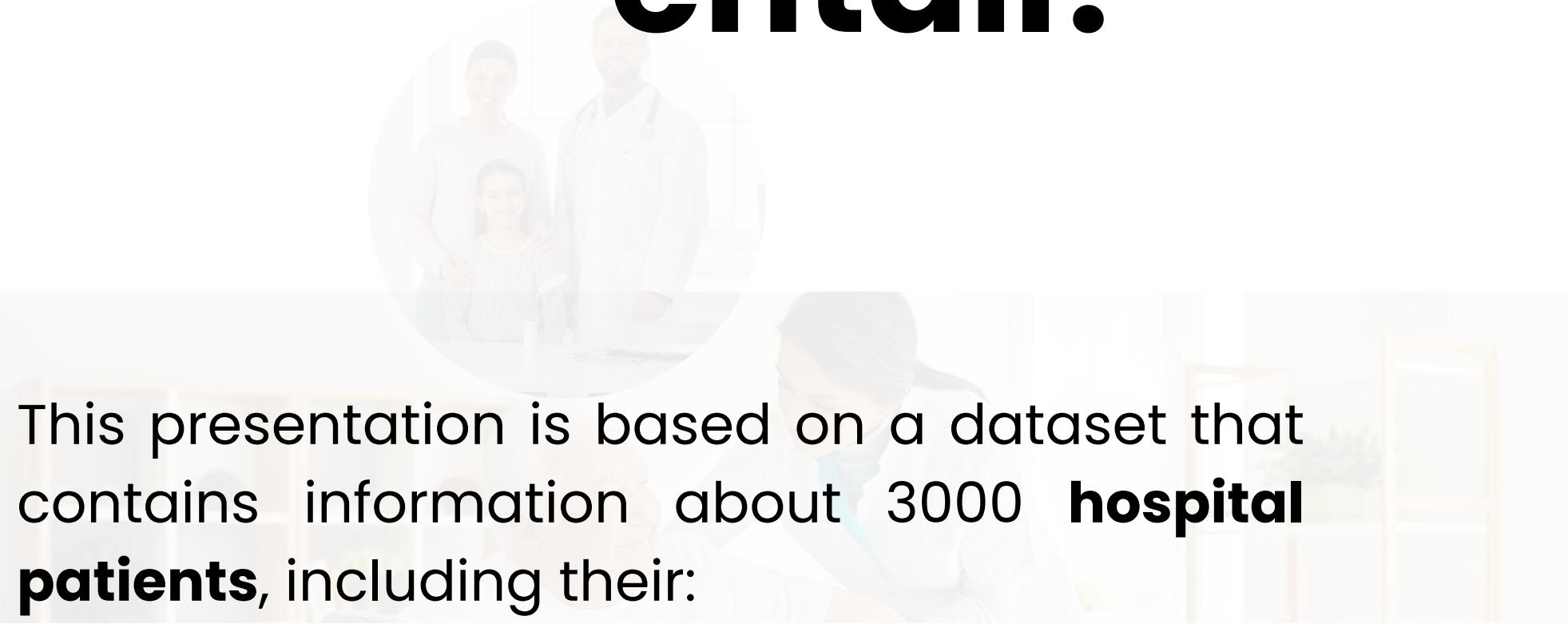
Reaching the Community with Quality Care



BrightLearn Hospital



What does this presentation entail?



This presentation is based on a dataset that contains information about 3000 **hospital patients**, including their:

- demographics
- admission details
- clinical measurement
- whether they were readmitted after discharge.



Patient admissions per Age group

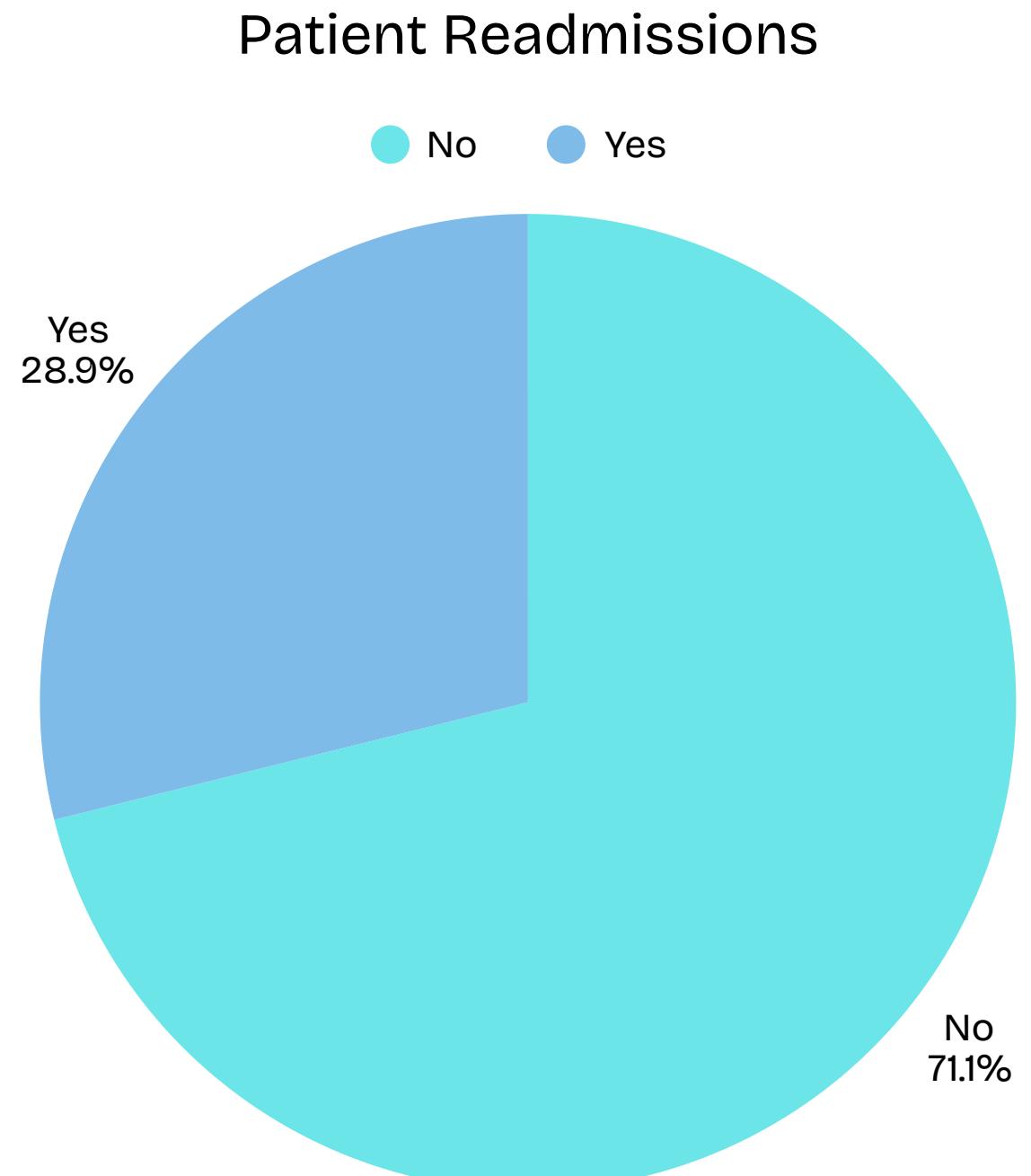
Age Group	Female	Male	Total
1. Young Adults (18-35)	11.90%	13.33%	25.23%
2. Adults (36-34)	6.97%	7.13%	14.10%
3. Middle Aged (46-55)	6.87%	7.47%	14.33%
4. Senior Adults (56-65)	5.67%	6.83%	12.50%
5. Pensioners (66-75)	6.73%	7.17%	13.90%
6. Elderly (76+)	10.03%	9.90%	19.93%
Total	48.17%	51.83%	100.00%

- A significant portion of our patients are young adults, representing just over 25% of our total patient base.

- Male patients account for 51% of our overall patient base.

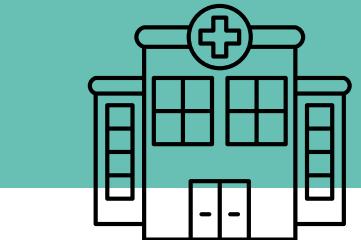


New and Returning patients



Returning Patients

- A significant portion of our patients are readmitted, comprising 71% of our overall patient base.

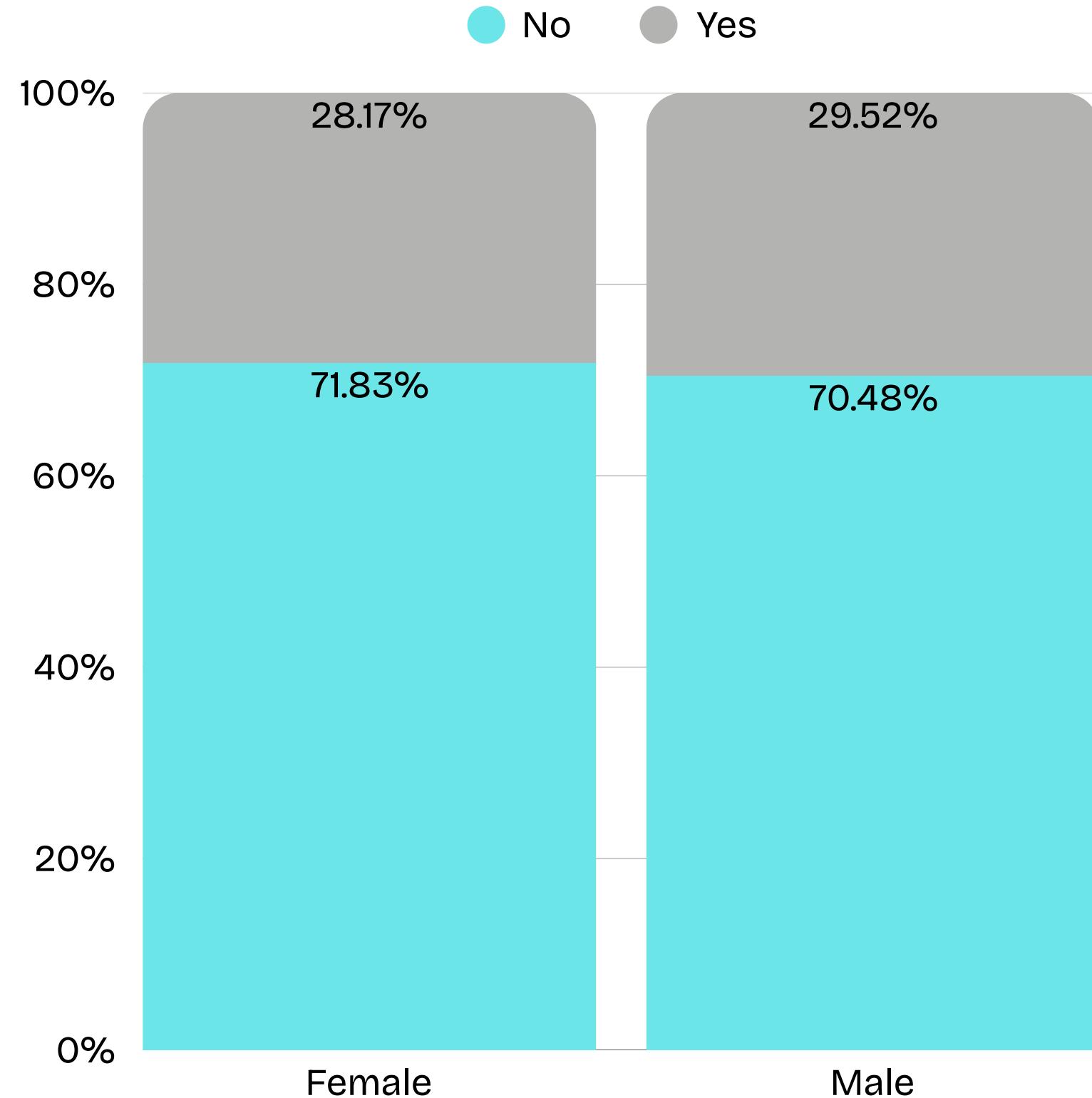




Readmissions by gender



Readmissions of Patients



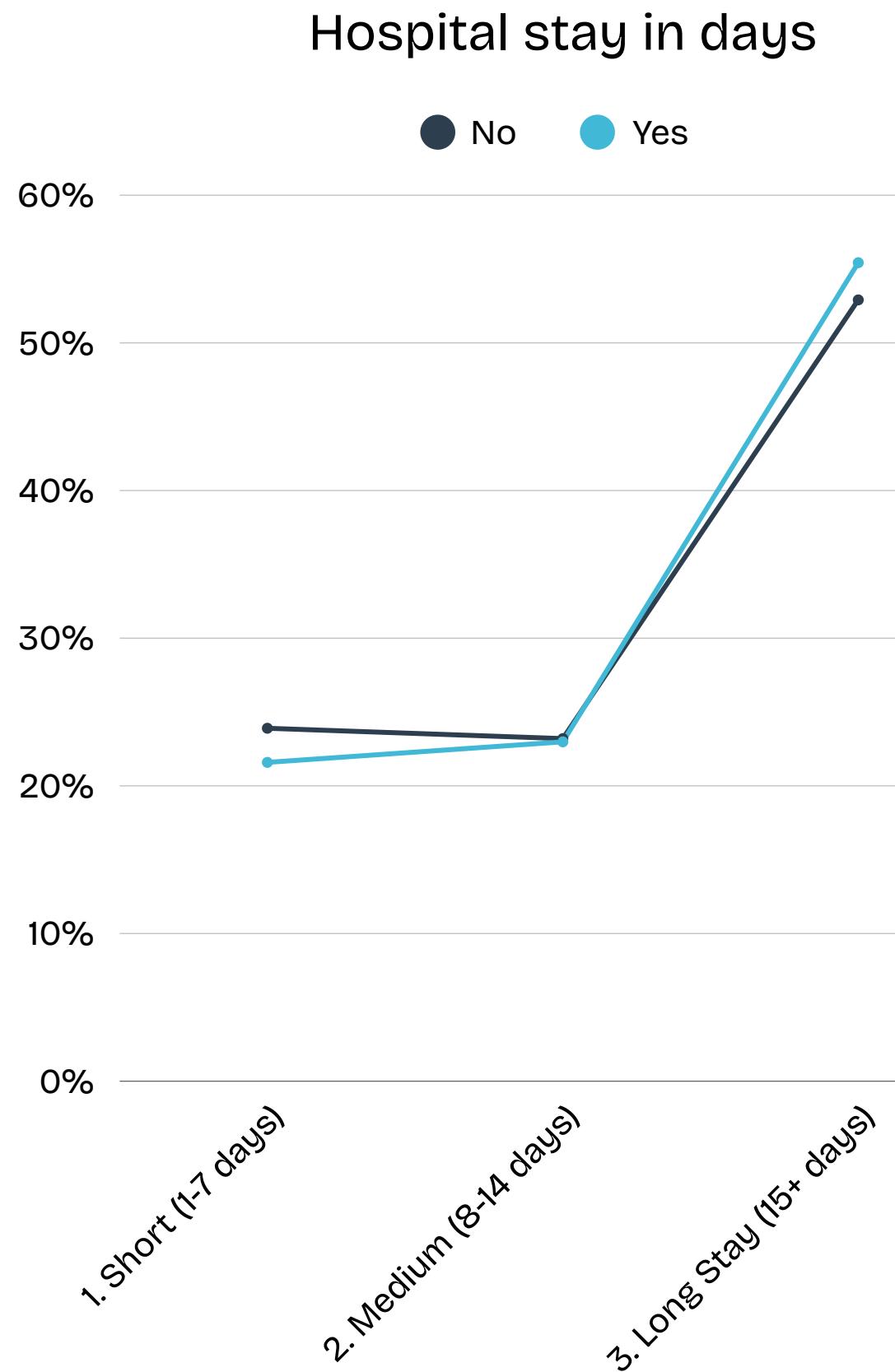
Returning Patients

- 29.5% of male patients are likely to be readmitted, based on past results .
- Females are slightly less likely to be readmitted, as 28% of females were readmitted in t he past.





Length of Hospital Stay in Days



1



2



3

Health Stays

- Patients that were readmitted in comparison to those that weren't exhibit similar patterns concerning the lengths of their hospital stays.

Hospital Stays

- Patients that are readmitted tend to stay long, as 50% of readmitted patients stay 15+ days.

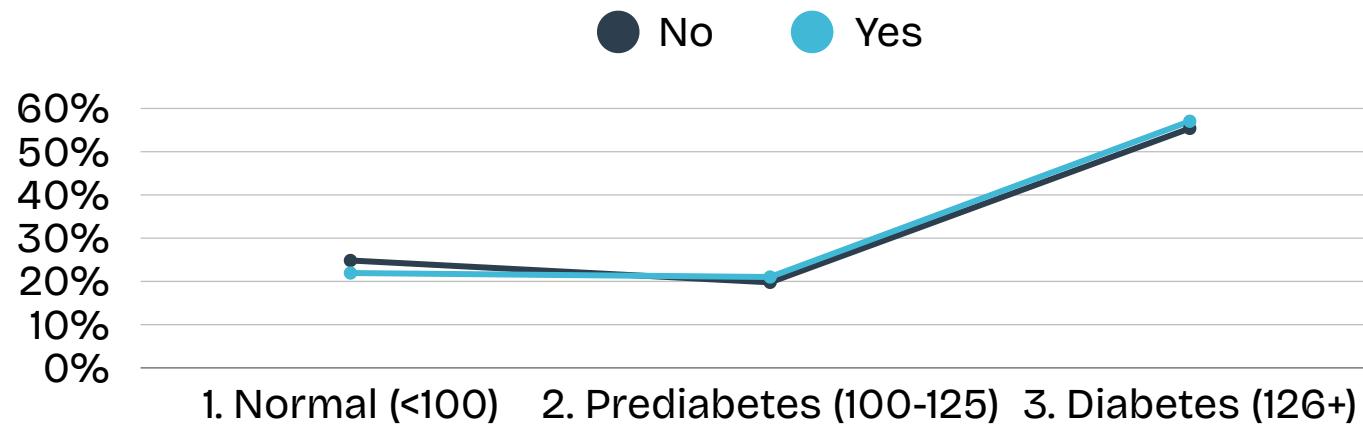
Hospital Stays

- New patients are less likely to have a medium hospital stay of 8 to 14 days, as only 20% of our new patients remain hospitalized for that duration.

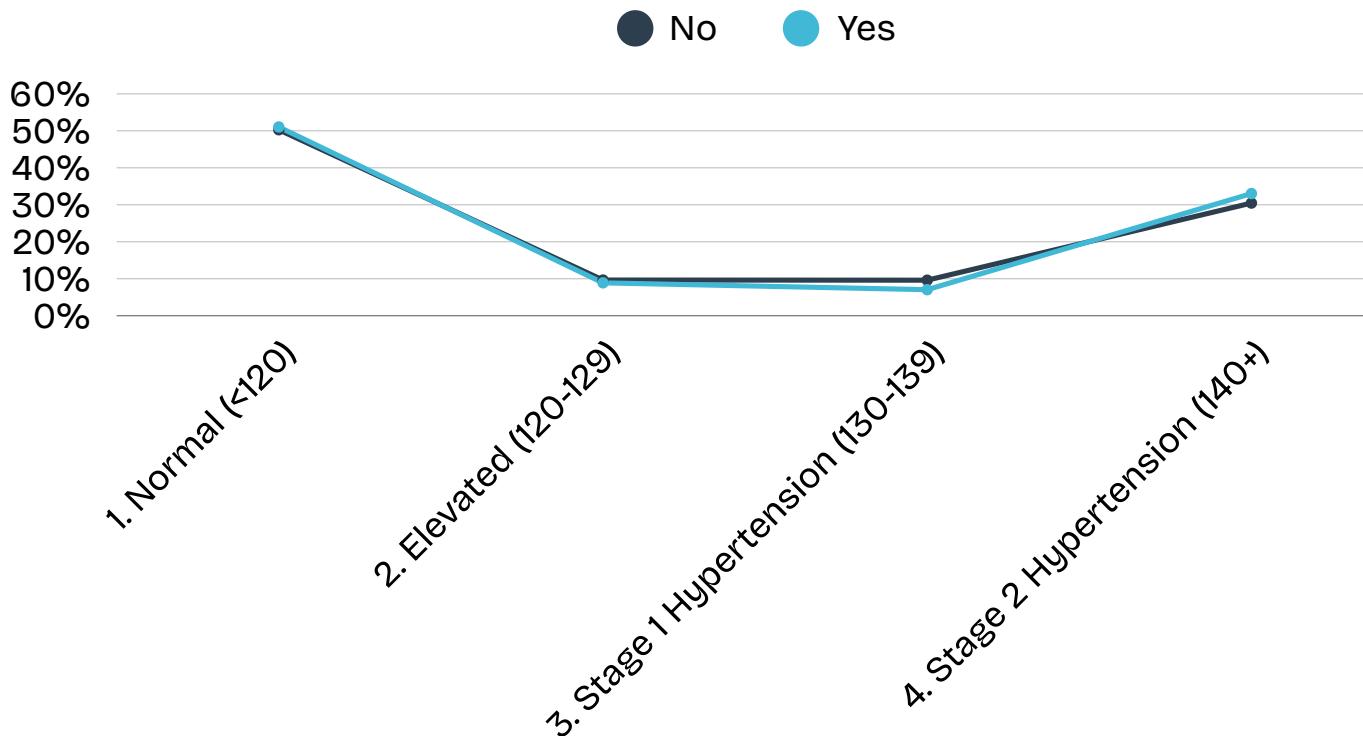


Blood Disorders

Blood Sugar categories



Blood Pressure categories



1

Blood disorders

- 60% of both readmitted and none-readmitted patients are diabetic.



2

Blood disorders

- 50% in both readmitted and none-readmitted patients have normal blood pressure levels, with around 30% of each category suffering from hypertension.



3

Blood disorders

- The information presented suggests that patients tend to delay seeking a diagnosis for their blood disorders until it is quite late.



Challenges and Solutions

Low Public Awareness

Many people don't know about hospital services.

Solution: Use digital outreach and public events to spread information.

Limited Budget

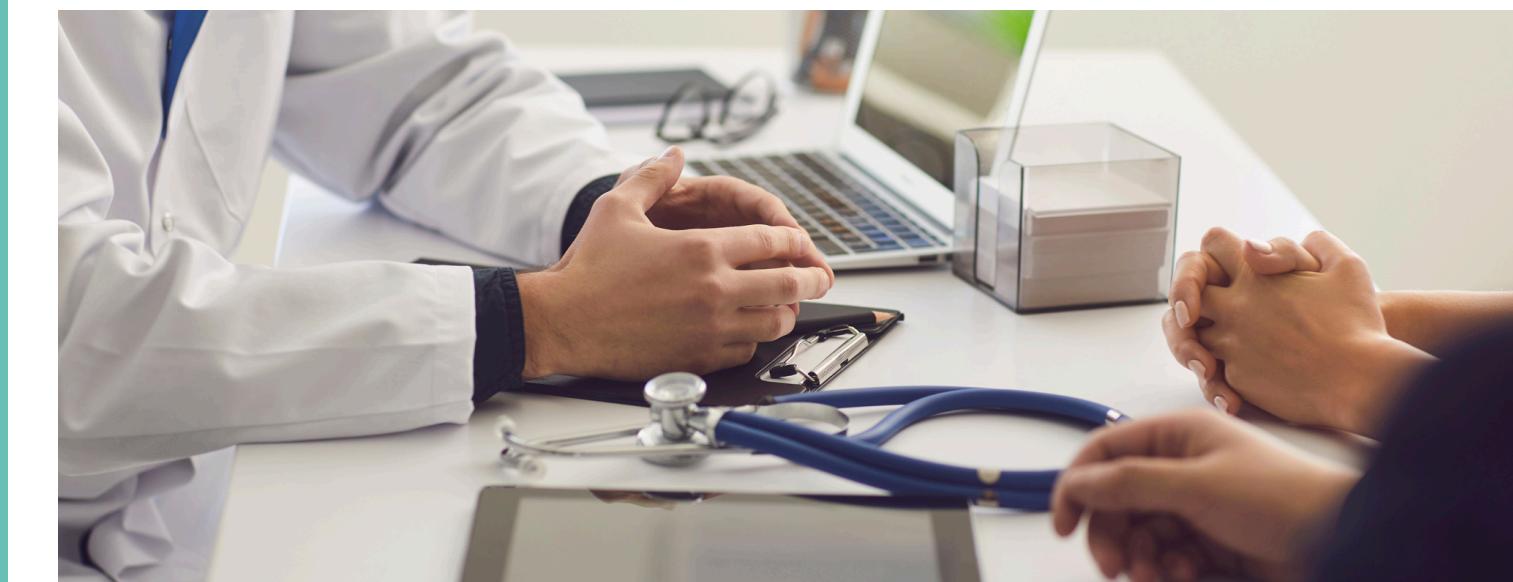
Hospitals may not have enough funds for large campaigns.

Solution: Use affordable tools like websites, posters, and health talks.

Low Engagement

People may not respond to promotions.

Solution: Create interactive programs like free check-ups or Q&A sessions.





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Thank You

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