

A study on COVID -19 patients at C K Birla hospital, Jaipur.



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MBA HM – 25 (1127)

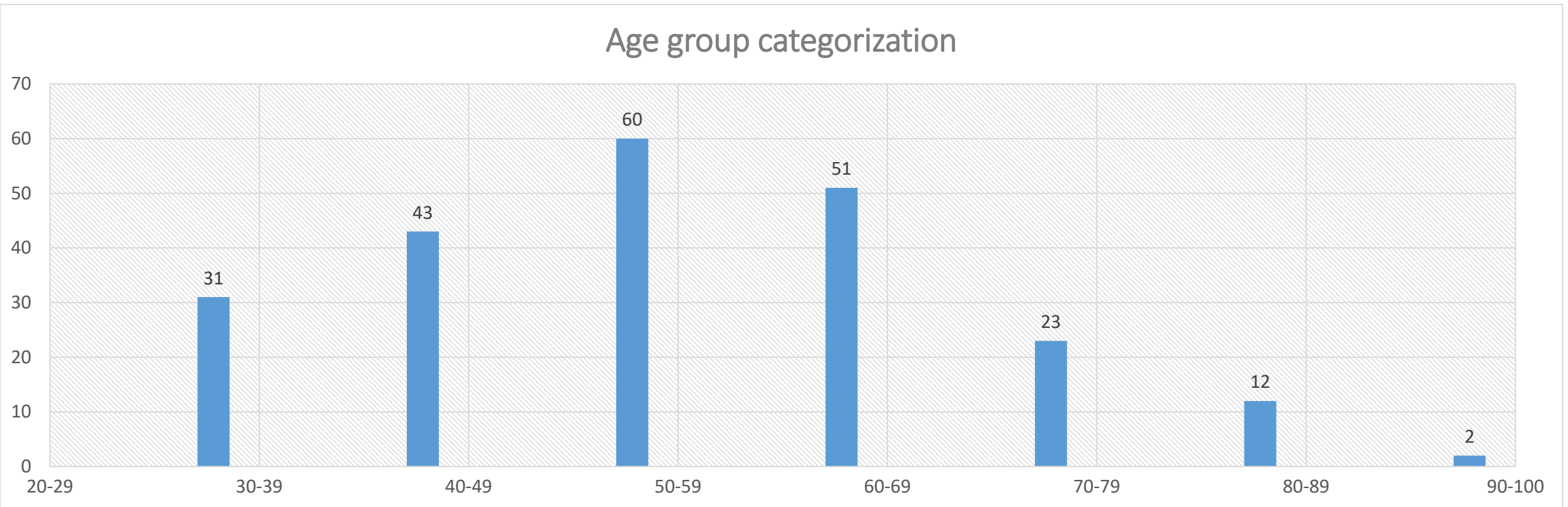
Under guidance
of
Dr. Alok Kumar Mathur

Study

Objective of the study - To study COVID-19 patients admitted at C K Birla Hospital Jaipur

- **Study type**- Cross sectional Study
- **Sample size**- 236 COVID-19 discharged patients.
- **Inclusion Criteria**- All COVID-19 Patients admitted and discharged.
- **Exclusion Criteria**- Other (Non-COVID-19) IPD patients, patients whose phone was unattended.

Age Group Categorization of COVID-19 patients



- Median age of study people was 55.
- As we can see from this bar graph mostly patients are there within age bracket of 50-59

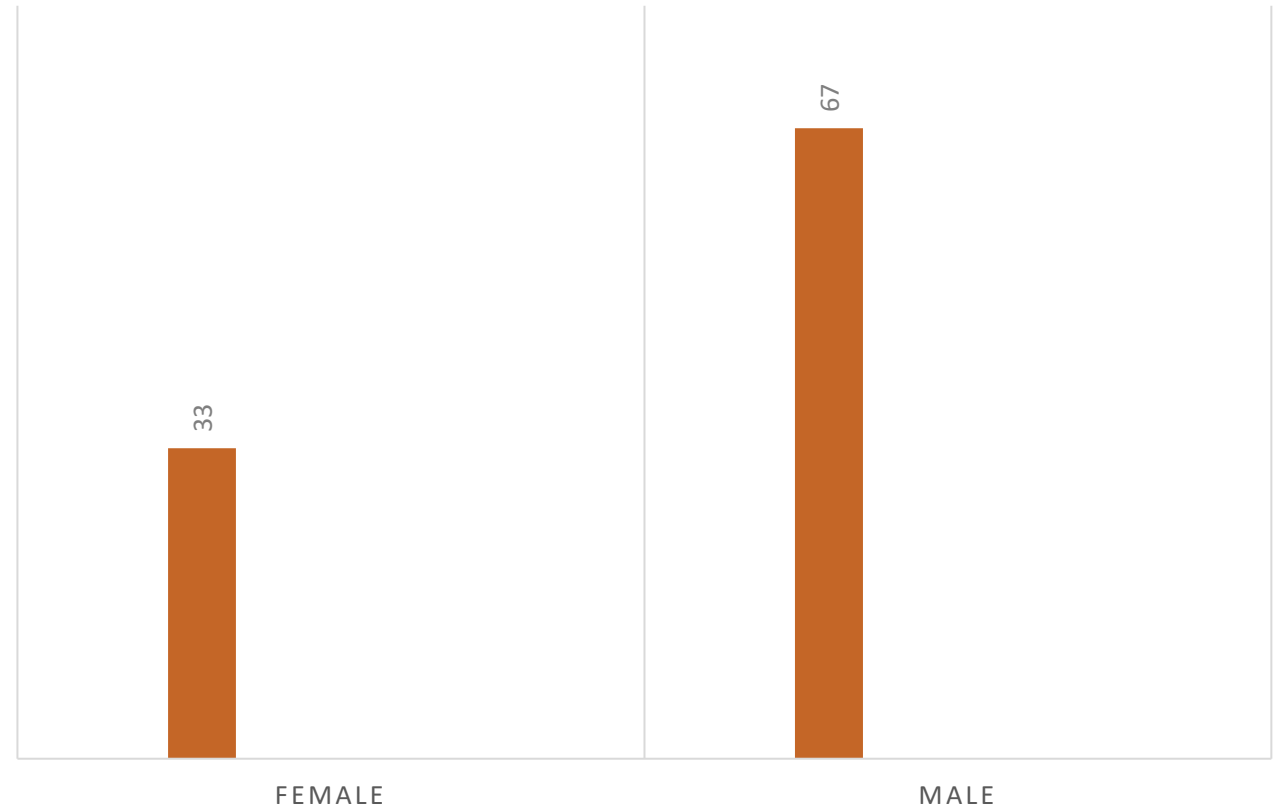
Gender wise COVID-19 patients

1) A total of 236 patients were included in the study.

➤ 33% Females.

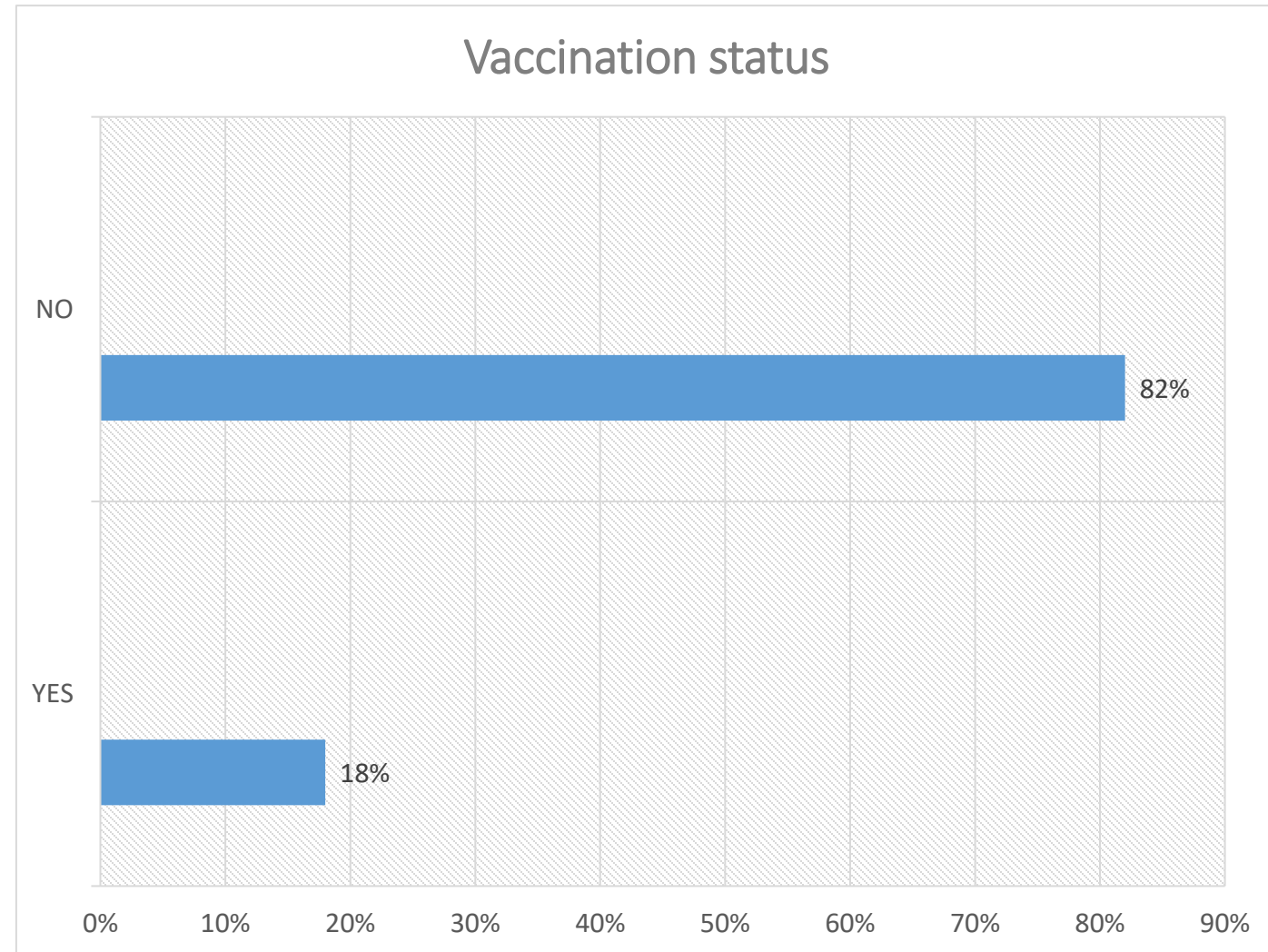
➤ 67% Male.

ON THE BASIS OF GENDER



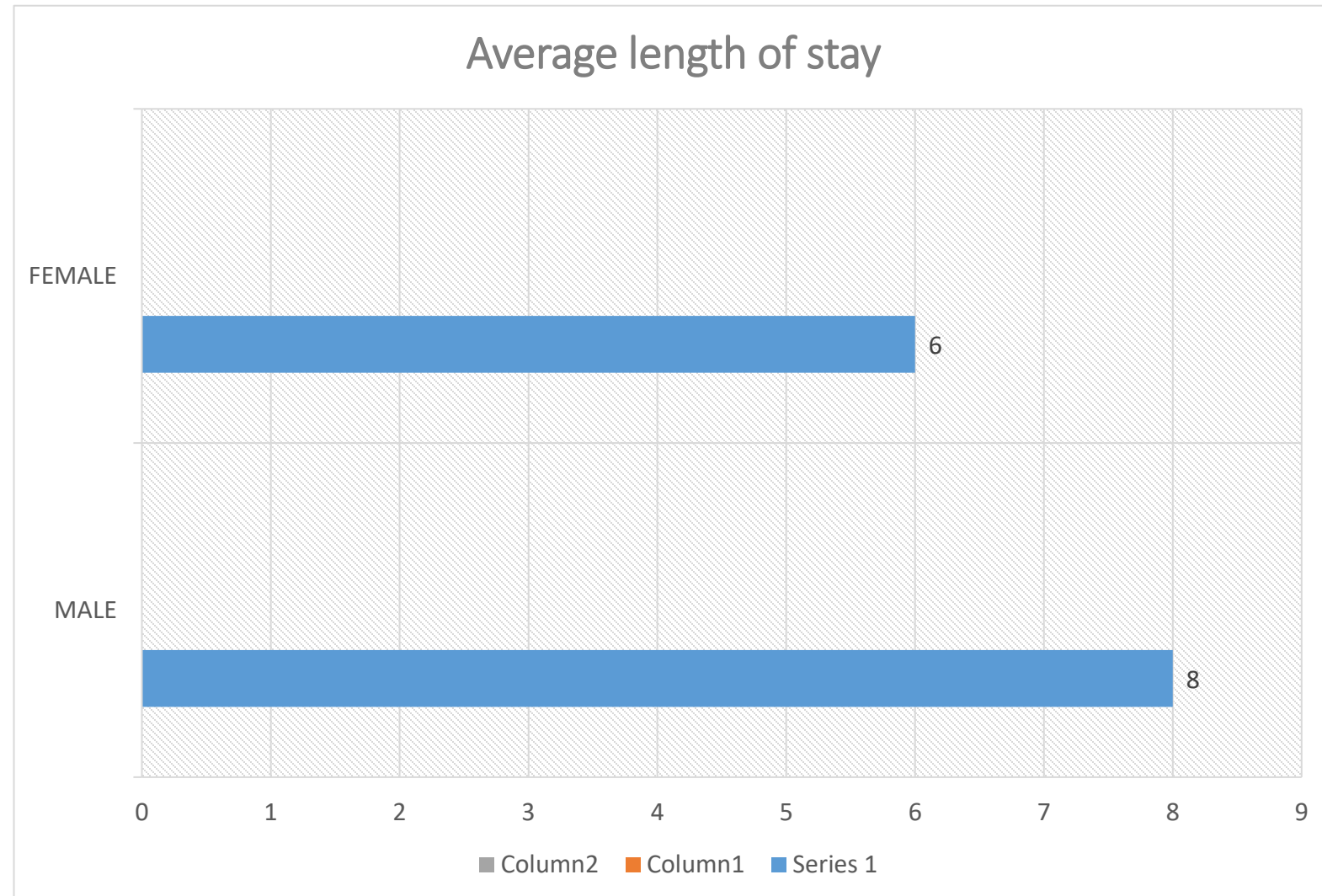
Vaccination status of study population

- 82% were not inoculated even with a single dose.
- Only 18% people from study population were inoculated with a single dose.
- 39 Out of 236 people were vaccinated with single dose out of which 4 were expired.
- No one were fully inoculated with both of the doses.



Average length of stay of COVID-19 patients.

- A total of 236 patients were within the study.
- ALOS of male (157) – 8 days
- ALOS of female (79) – 6 days



Patients stayed in ICU

FEMALE

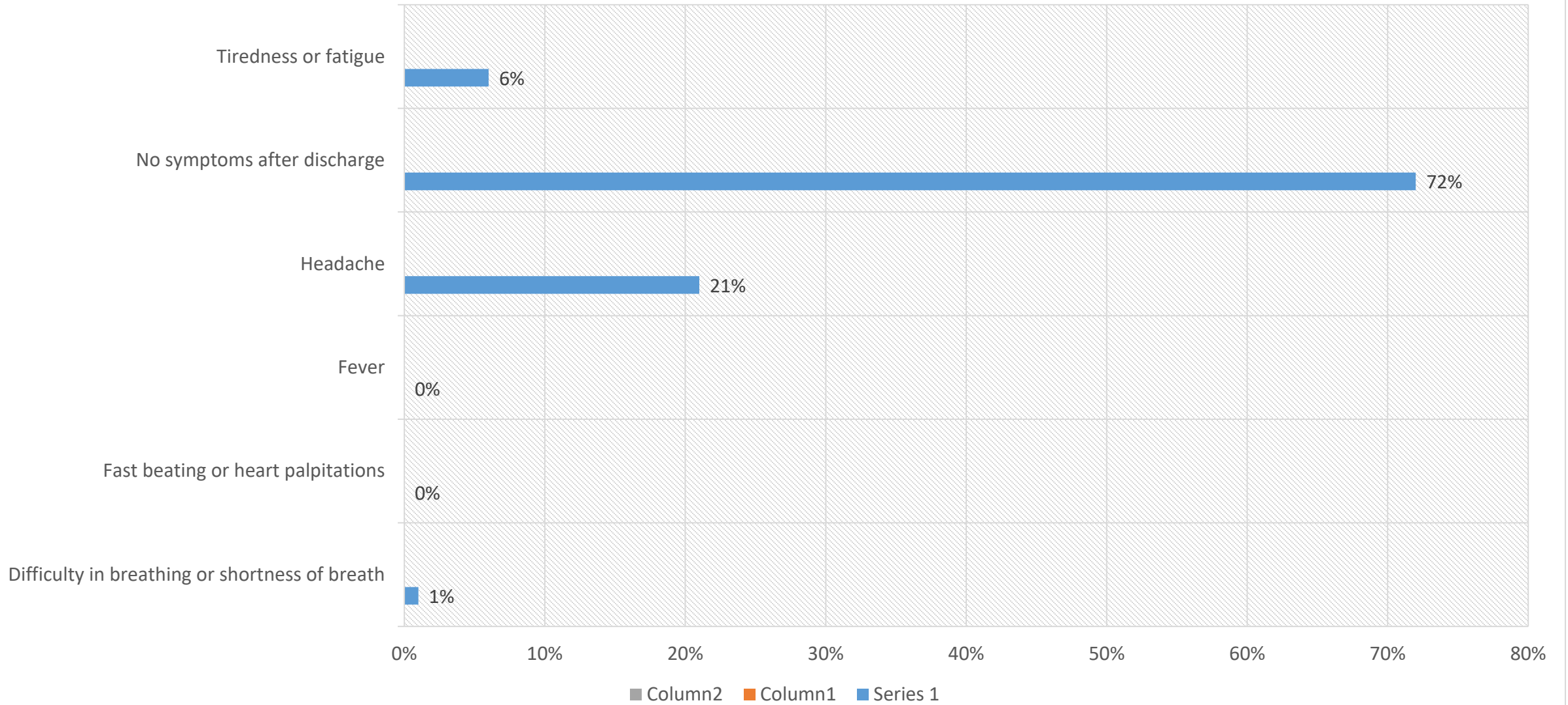


MALE



0% 10% 20% 30% 40% 50% 60% 70% 80% 90%

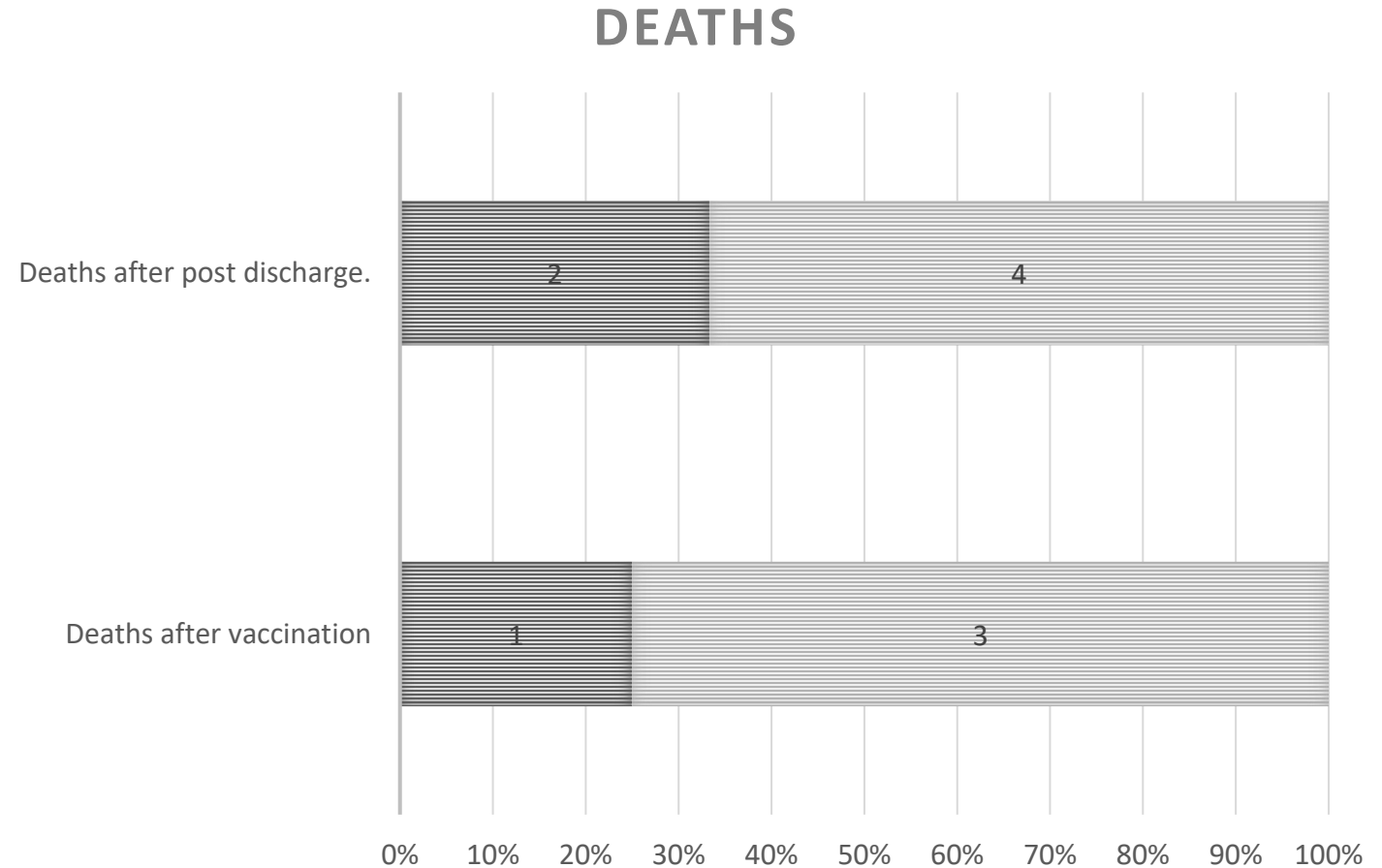
Common symptoms



Death cases

2 female and 4 male were expired after post discharge from C K Birla hospitals.

There were 1 female and 3 male who expired after vaccination.



Patients stayed in ICU and post COVID symptoms of patients .

- 15 % of patients stayed in ICU from all 236 covid patients.
 - % Male patients in ICU – 80%
 - % Female patients in ICU – 20%

- Common symptoms of post COVID 72 % participants had no symptoms after discharge, 21 % have felt headache, only 6 % of population have tiredness or fatigue, 1 % difficulty in breathing and shortness of breath.

- None of the patients who were admitted in ICU had taken a single dose vaccination and most of them were suffering from Co-morbidities as well.

Conclusion

In the study of COVID-19 patients admitted at C K Birla Hospital it was found that

- Median age of COVID patients was 55.
- 33% of patients were Female and 67% were Male.
- ALOS for Male was 8 days and for Female it was of 6 days.
- 80% of Male and 20% of Female were in ICU
- Only 18% Patients have taken first dose of vaccination out of which 4 expired.
- 6 people – 2 Female and 4 Male expired after normal discharge from hospital as they were suffering from co-morbidities.