

# National Joint Annual Review 2078/79



Federal Hospital Presentation



# Outline of the Presentation



- Federal hospitals of Nepal
- Trend of some basic hospital indicators
- Innovations
- Service expansion
- Glimpse of good practices
- Upcoming projects
- Issues and challenges
- Way forward



# Federal Hospitals of Nepal



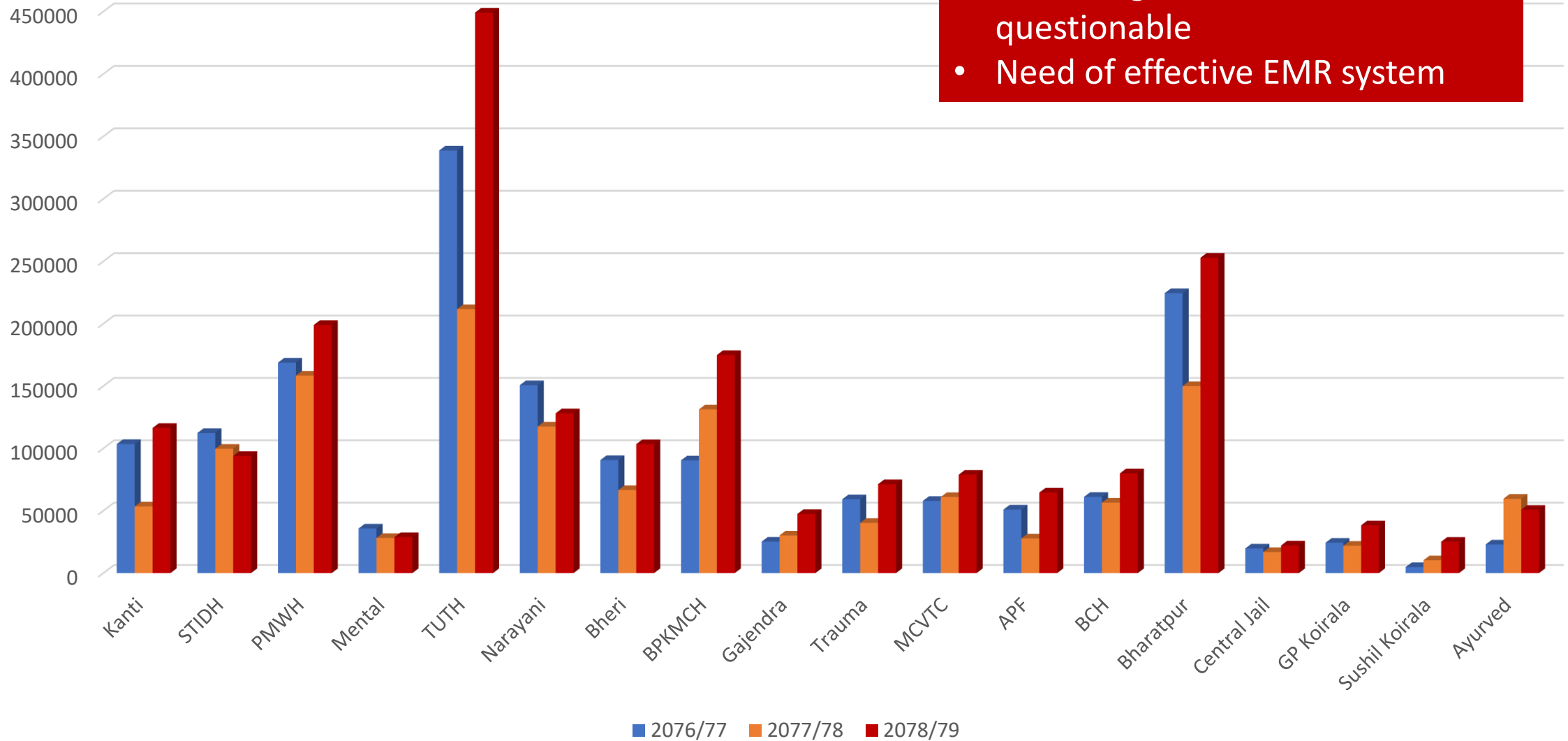
1. Kanti Children's Hospital
2. Sukraraj Tropical and Infectious Disease Hospital
3. Paropakar Maternity and Women's Hospital
4. Mental Hospital
5. Shahid Gangalal National Heart Center
6. Tribhuvan University Teaching Hospital
7. Koshi Hospital
8. Narayani Hospital
9. Bheri Hospital
10. Dadeldhura Hospital
11. Ayurved Hospital, Naradevi
12. B.P Koirala Memorial Cancer Hospital
13. Gajendra Narayan Singh Hospital
14. Birendra Hospital, Chhauni
15. National Trauma Center
16. Manmohan Cardiothoracic Vascular and Transplant Center
17. Human Organ Transplant Center
18. Nepal Police Hospital
19. Nepal Armed Police Force Hospital
20. Civil Hospital
21. Bhaktapur Cancer hospital
22. Bharatpur Hospital
23. Center Jail Hospital
24. G.P. Koirala National Center for Respiratory Disease
25. Sushil Koirala Prakhari Cancer Hospital



# OPD Client Visit Trend

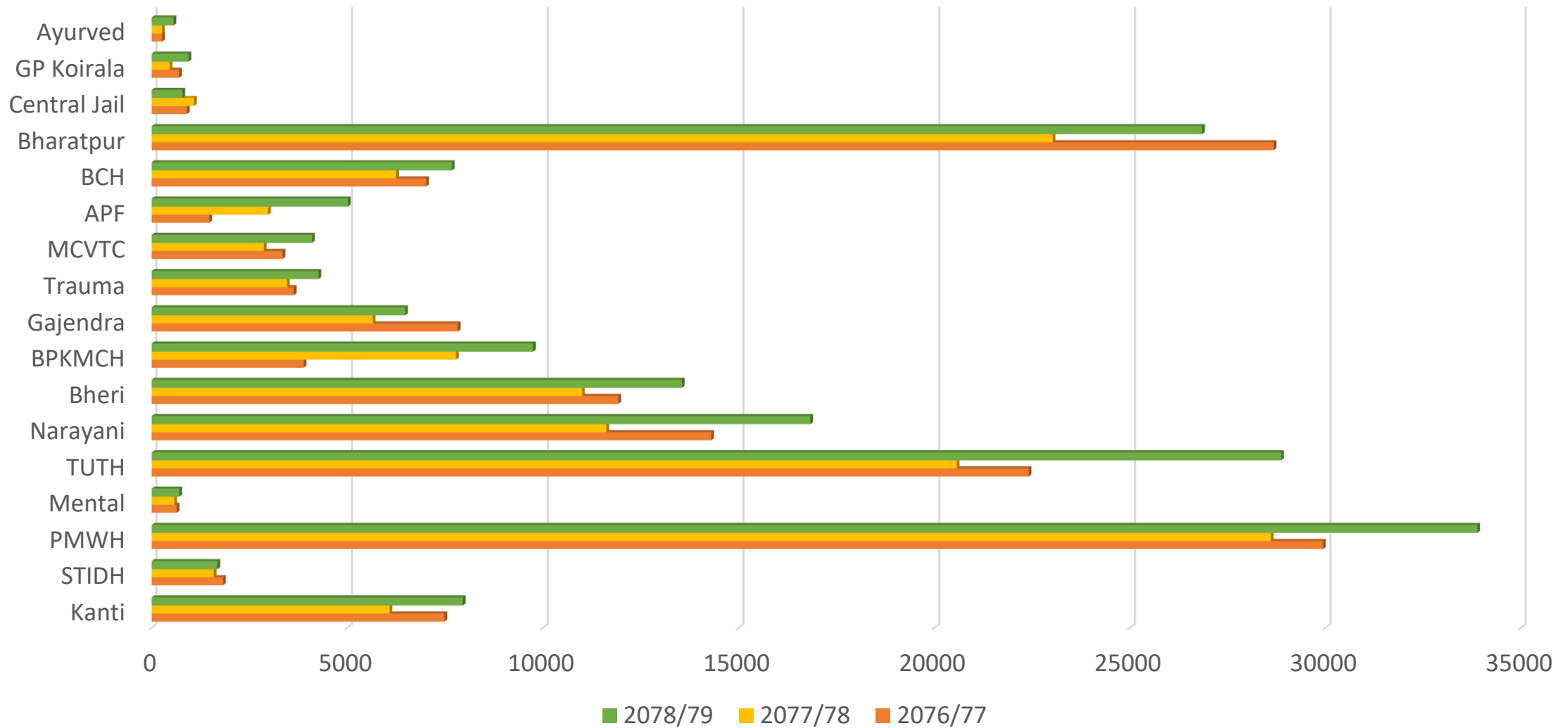


- Recording of all OPD clients is questionable
- Need of effective EMR system



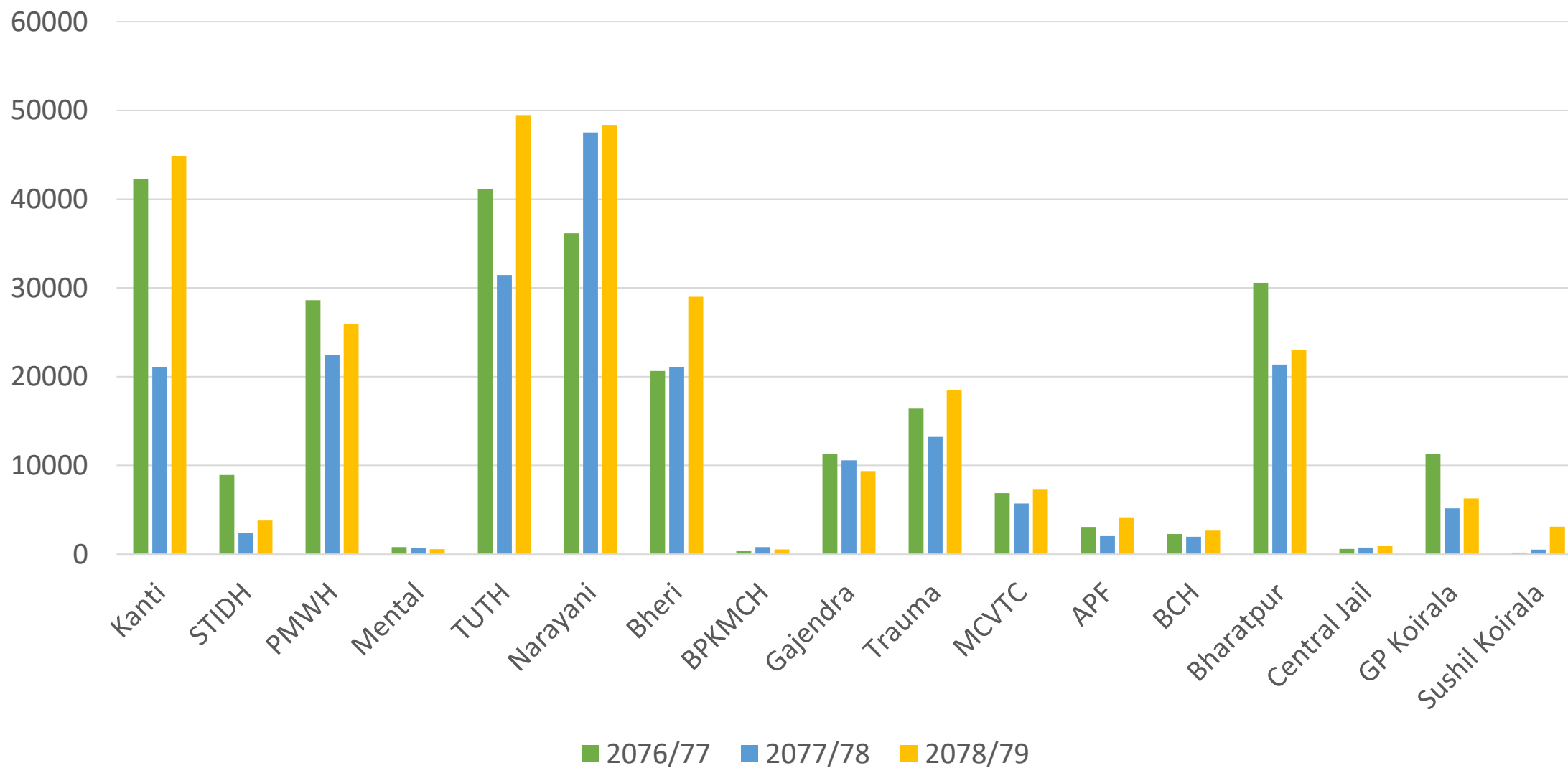


# IPD Client Visit Trend





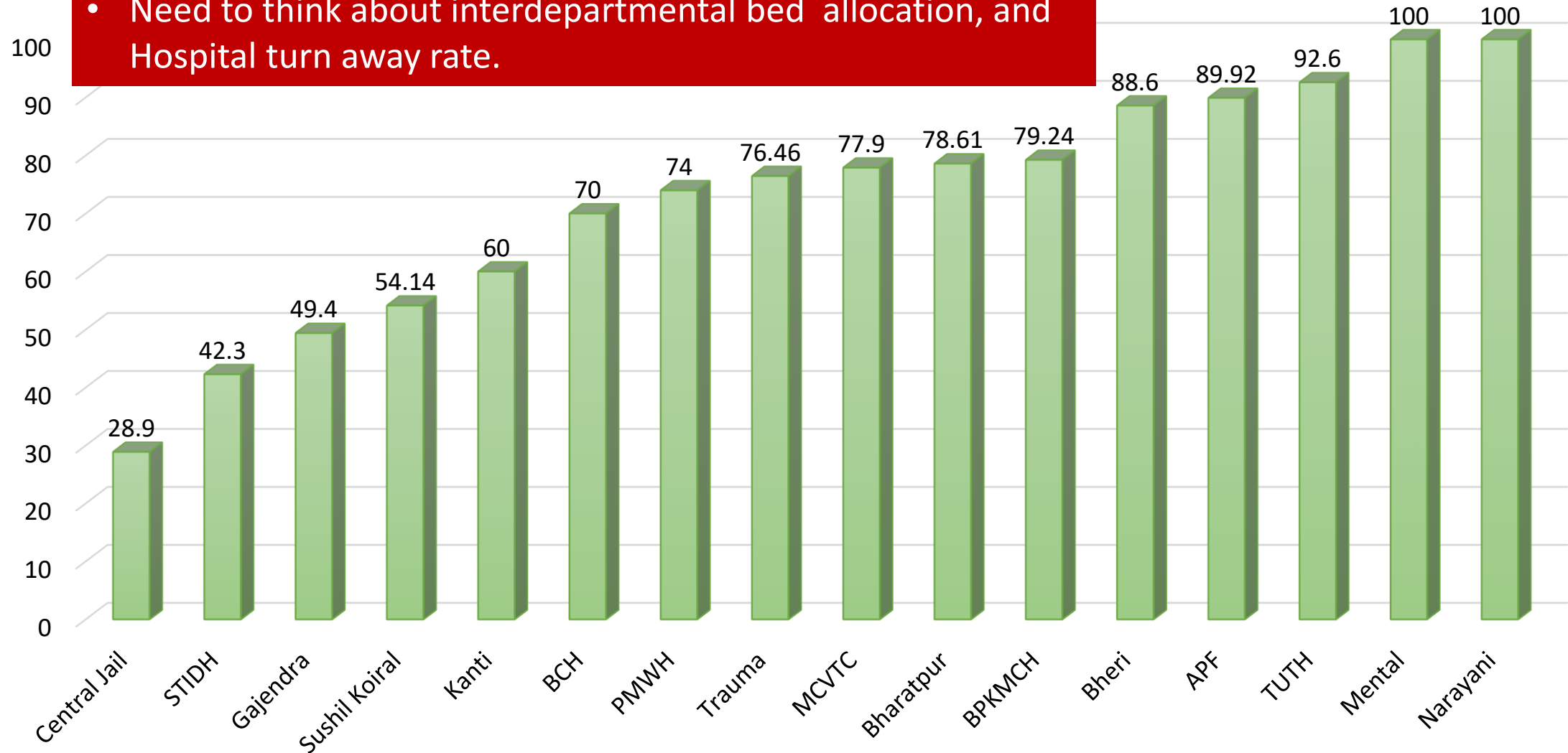
# Emergency Client Visit Trend





# Bed Occupancy Rate

- Bed occupancy is satisfactory in most of the hospital
- Need to think about interdepartmental bed allocation, and Hospital turn away rate.





# Innovations



- Comprehensive lactation management center (CLMC) at Paropakar Maternity and Women Hospital
- Cardiac CT Scan (**can scan 512 slice within one second**) operational at Manmohan Cardiovascular Thoracic and Transplant Center (MCVTC)
- Prisoner Information Management System (PIMS) started at Central Jail Hospital
- Human resource retention plan at rural areas initiated by Dadeldhura Hospital
- Screening and treatment of retinopathy among premature babies through laser therapy initiated at PMWH in coordination with Nepal Eye Hospital
- Transcatheter aortic valve replacement first time done in Nepal on February 2022 at Shahid Gangalal National Heart Center, Bansbari.





# Service Expansion



- IVF service started at Paropakar Maternity and Women's hospital.
- Expansion of Intensive care Units( ICU) in most of the hospitals.
- Dental CT Scan at B.P Koirala Memorial Cancer Hospital, Bharatpur.
- Endoscopic Bronchoscopic/Esophaguscopy Ultra Sonography Service and dialysis services at B.P Koirala Memorial Cancer Hospital, Bharatpur.
- Tele medicine-based leprosy referral clinic at Sukraraj Tropical and Infectious Disease Hospital, Teku on Baisakh 2079.
- Laparoscopic and hysteroscopic surgery at PMWH.
- Provision of specialized services for prisoner at central jail hospital by MOU with central specialized hospitals
- Health insurance was done for all the prisoners of central jail



# Service Expansion



- Expansion of Human organ transplant services at Pokhara .
- At transplant center, 98% survival after kidney transplant and 96% survival on dialysis over 10-year period (Total kidney transplant - 966)
- Suicide prevention help line – 1166 initiated at Mental Hospital
- Fully electronic record keeping registration at Mental Hospital
- Extended Health Service program (PMWH, National Trauma Centre)
- Preventive and promotive services started at Nardevi Ayurved Hospital
- Minimum Service Standard implemented in most of the hospitals
- 50 bedded Emergency ward services Started at Bharatpur hospital
- Regular COVID-19 vaccination clinic started at STIDH - Teku



# Some Glimpse of Good Practices



Risk waste management and horizontal autoclave at STIDH





# Some Glimpse of Good Practices



CLMC



Human Milk Bank at PMWH



# Some Glimpse of Good Practices



O<sub>2</sub> Pipeline



PICU



PICU and Oxygen Pipeline at Narayani Hospital



Oxygen Plant at GP Koirala





# Some Glimpse of Good Practices



Modular OT



Sterile corridor



Token system for Que

Modular OT, Sterile corridor at Bharatpur Hospital



# Upcoming Projects



Hospital	Description of the projects
Kanti Children Hospital	<b>Institute of Child Health (ICH)</b> <ul style="list-style-type: none"><li>DPR and Master Plan started</li></ul>
Shukraraj Tropical and Infectious Disease Hospital	<b>300 Bedded Infectious Disease Hospital</b> <ul style="list-style-type: none"><li>tender in the process.</li></ul>
Mental Hospital	<b>Upgrade of Mental Hospital</b> <ul style="list-style-type: none"><li>Detail master plan prepared in collaboration with DUDBC</li></ul>
Koshi Hospital	<b>Surgical Building/block</b> <ul style="list-style-type: none"><li>Approved by MoHP</li></ul>
B.P Koirala Memorial Cancer Hospital	<b>Cashless and Paperless Hospital</b> <ul style="list-style-type: none"><li>Process started</li></ul>



# Issues and challenges



- Inadequate human resource
- No O & M survey as per the allocated hospital beds
- Multiple brand of same generic medicine/problem in procurement
- Old equipment requiring regular maintenance
- Shortage of equipment and beds
- Hospital waste management
- Cumulative irregularities (Beruju)





# Issues and challenges



- Insufficient infrastructure
- Inadequate awareness about human organ donation
- Uniformity of EMR/HER - no official guidance on minimal dataset and user forms on the software
- Reporting from Naradevi Ayurved Hospital (as a federal hospital) not included in central HMIS reporting system



# Way forward



- Conducting impending O & M survey including O & M survey of Hospital Development Committee as well.
- Basic health services should be provided by all federal hospital free of cost .
- Strengthening of referral mechanism .
- Strengthening of pre-hospital care.
- Uniformity of clinical forms and formats across all public and private hospitals.
- Research and academic grants for all hospital.
- Separate policy for hospital development committee .



# Way forward



- Establishment of Level 1 Trauma center at central level and level 2 trauma center in each provinces (in alignment with federal hospital).
- Systemic Mechanism should be developed for the effective implementation of satellite clinic .
- One door social security scheme.
- Human resource retention plan – One health worker one health institutions
- Extended health service should be implemented effectively
- Coordination between MoHP and MoHA should be strengthened to streamline the central jail hospital in National health system (in terms of recording, reporting, and regulation)



Thank You !