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Medication utilization problem among blind population in Nepal

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Studies on Challenges of visually impaired population during medicine utilization, their difficulties and the Pharmacist's information assessment towards such population are very limited. To study the problems during medicine utilization among blind patients in Nepal. A cross-sectional descriptive study was carried out in 120 blind persons using schedule at various blind associations, hostels, colleges and a blind cricket tournament. Participants of at least 18 years old and had taken 2 medicines was included in the study. SPSS was used for analysis. We found 60% had ability to read Braille alphabet with most were male (63.88%) population. We found 21.43% only had adherence in their medicines. Most people had faced problem while using liquid dosage form where 46.7% people spilled drug during administration and even 12.5 % administered the drug directly from bottle. The information given by dispenser was found to be inadequate. We found 65.8% of participants didn't get to know their medicine name, staggering 80% haven't got their medicine expiry date, 60% haven't known their medicines indication and 75.8% didn't get any precautions related to their medicines. This population has been facing various medicine related difficulties along with inadequate dispensing information. Results of Morisky scale showed the lack of adherence in such population.