|  |  |
| --- | --- |
|  | Participants (n) |
|  | **GPs (n=8)** |
| **Gender**  Male  Female  **Type of practice**  Single handed  Group  **Length qualified**  10-20years  20-30 years  >30 years | 5  3  1  7  3  4  1 |
|  | **Junior doctors(n=13)** |
| **Gender**  Male  Female  **Age**  20-30 years  >30 years  **Length qualified**  1 year  2 years | 6  7  10  3  11  2 |
|  | **IT professionals(n=2)** |
| **Gender**  Male  Female  **Length qualified**  10-20 years  >20 years | 2  0  1  1 |
|  | **Patients(n=12)** |
| Gender  Male  Female  Age  60-70 years  >70 years  Socioeconomic status  Private health insurance  Medical card | 5  7  7  5  1  11 |

**Appendix 1.** Characteristics of participants in qualitative interviews (n=35)

**Appendix 2.** Themes, sub-themes and codes describing participants’ views

|  |  |  |
| --- | --- | --- |
| Main theme | Sub-themes | Codes |
| Interactional Workability | Error reduction | Occurrence of error in current system  Quality of discharge medication information  Role of PHARMS device in error reduction |
| Communication | Current communication barriers at primary  secondary care interface  Discharge information accessibility for GPs  Patient empowerment  Clarity in transitional care |
| Skill Set Workability | Modification | Integration of information in GP system  Mandatory completion of fields in hospital  Use of hospital formulary  Improving patient knowledge |
| Technology | Mechanism of operation  Shape and structure of PHARMS device |
| Relational Integration | Workload | Task efficiency  Time constraints  Role of staff in facilitating use of PHARMS device |
| Processes | Use at admission  Use at discharge  Use in community pharmacy  Use during travel |
| Contextual Integration | Systems Integration | Hospital hardware issues  Mixed electronic and paper hospital record system  Security  Installation issues in hospital |
| Deviation from usual practice | Uncertainty regarding PHARMS device operation  Infrequent use of PHARMS device |