|  |  |
| --- | --- |
|  | Participants (n) |
|  | **GPs (n=8)** |
| **Gender**Male Female**Type of practice**Single handedGroup**Length qualified** 10-20years20-30 years>30 years | 5317341 |
|  | **Junior doctors(n=13)** |
| **Gender**MaleFemale**Age**20-30 years>30 years**Length qualified**1 year2 years  | 67103112 |
|  | **IT professionals(n=2)** |
| **Gender**Male Female**Length qualified**10-20 years>20 years | 2011 |
|  | **Patients(n=12)** |
| GenderMale FemaleAge60-70 years>70 yearsSocioeconomic statusPrivate health insuranceMedical card | 5775111 |

**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 systemQuality 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 efficiencyTime constraintsRole 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 issuesMixed electronic and paper hospital record systemSecurityInstallation issues in hospital  |
| Deviation from usual practice | Uncertainty regarding PHARMS device operationInfrequent use of PHARMS device |