

Appendix 2: Codes generated deductively and their meanings

| Coders | Serial No. | Codes | Meaning | Number of transcript quotes |
|---------|------------|--------------------------------|--|-----------------------------|
| Coder 1 | 1. | DBS Sample Collection | The process of collecting, sending and retrieval of result and any challenges associated with the process | 32 |
| | 2. | Non-disclosure of HIV status | A situation where women refuse or show reluctance to disclose their status to their spouse. It also includes women forbidden health workers to disclose their status to their spouse | 13 |
| | 3. | Denial of HIV result | Refusal to accept HIV infection status | 8 |
| | 4. | Referral to secondary facility | When HIV positive mothers or their children are referred to another health facility to continue treatment for HIV in the context of early infant diagnosis | 23 |
| Coder 2 | 5. | Challenge_DBS | The challenges involved in the collection of dry blood sample as well as the process and system that support it | 1 |
| | 6. | Referral | Linking women up with another health facility to access care because of lack of expertise/equipment or because the facility is not empowered to offer such services | 3 |
| | 7. | Care for infant_DBS | All types of care rendered to infant children in the process of collecting their dry blood sample | 15 |
| | 8. | Postnatal appointment | All appointments given to women with positive HIV status shortly after delivery, including appointment for vaccination and DBS | 10 |