**S2 Appendix.** Progression from provisional codes to theoretical categories.

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| Provisional codes | Focused codes | Theoretical categories |
| Patient anxiety/confusionPatient fear of unknownPatient costsUncertainty for the patientTreatment concerns for the patientLife insurance issuesEmployment issues | Effects on patients from IFs | Challenges for Patients and Clinicians Regarding Treatment and Management  |
| Patients have many questionsAngry patientsLengthy consultation timesChallenging consultations | Effects upon neurologists from patients found with IF |
| Further imaging to clarify IFFurther consultations with neurology regarding IFsChallenging decisions for patients regarding treatments | Treatment and management challenges for patients found with asymptomatic IFs |
| Longer waiting lists for symptomatic patientsPatients insist upon further imagingPatients insist upon MRI over CTPatients do not listen to neurologyPossible legal implicationsFurther consultations with neurology regarding IFs | Treatment and management challenges for neurologists with patients found with asymptomatic IFs |
| Increased scanningIncreased technologyFavoured move towards MRIPatients insist upon further imagingPatients insist upon MRI over CT | Lack of information regarding IF leading to onward referral/tests | The Increased Role of the Radiology Department |
| Multidisciplinary meetingInforming patients pressing for imaging of IFHelp desk to reduce impact upon neurology regarding IFs Different preparation for consultations of IFLeaflets on IFsInformed consent | Methods of reducing impending workload and financial impact of IFs upon neurologists | Innovations to the Participants’ Practice |
| Lack of evidence-based treatments for asymptomatic findingsFurther research for managementFurther research for treatment | Further research upon asymptomatic IF their aetiology and management  |
| Unnecessary imaging finding IFsVOMIT theoryNHS costs potentially escalatingPatient costsLife insurance issuesEmployment issuesFurther consultations with neurology regarding IFsFavoured move towards MRI | Impact of Increasing scanners numbers and technology uncovering IFs | Financial Challenges  |