### Supplement 1: Description of Subcategories for Chief Complaints

| Category          | Description                                                                 |
|-------------------|-----------------------------------------------------------------------------|
| Fall              | s/p fall, found down                                                         |
| Back Pain         | neck pain, back pain, abnormal MRI*                                         |
| Musculoskeletal   | fracture, joint pain, axial skeleton injury, joint swelling, motor vehicle accident, pedestrian struck |
| Neurological      | slurred speech, syncope, presyncope, altered mental status, headache, vertigo, dizziness, subdural hemorrhage, subarachnoid hemorrhage, seizure, head injury, hydrocephalus, abnormal MRI, ataxia, slurred speech |
| Gastrointestinal | abdominal pain, diarrhea, inguinal pain                                      |
| Cardiopulmonary   | chest pain, dyspnea, hypertension, tachycardia, abnormal CT**, cough, viral illness |
| Weakness          | failure to thrive, general weakness                                         |
| Other             | clotted fistula, abnormal labs, ILI, DVT, hematuria, hypoglycemia, EtOH, dysuria, drain evaluation, fever, case management evaluation, dehydration, pedal edema, wound eval, vaginal bleeding, body aches |

*magnetic resonance imaging  
**computed tomography