

Stroke is a leading cause of long-term disability in the United States and accounts for more than 46 billion healthcare dollars annually [1]. Patients who are hospitalized after stroke are at high risk of recurrence and complications that may result in hospital readmission and poor functional outcomes [2,3]. A recent retrospective analysis found that early primary care provider (PCP) follow-up after stroke was associated with a reduction in rehospitalization within 30-days [4]. Our current study prospectively increases scheduling of early PCP follow-up and examines its effects on readmission rates after stroke. In 2020, UCH saw 485 hospitalizations for acute ischemic stroke. PCP follow up was scheduled for 50.5% of patients who discharged home. From 8/2/2021 – 12/6/2021, 140 patients were admitted for acute ischemic stroke and discharged from a neurology service at UCH. PCP follow up was scheduled for 84.0% of patients who discharged home.

#### Increase PCP follow by

1. Virani SS, Alonso A, Benjamin EJ, Bittencourt MS, Callaway CW, Carson AP, et al. Heart disease and stroke statistics—2020 update: a report from the American Heart Association. *Circulation*. 2020;141(9):e139–e596.
2. Benjamin EJ, Blaha MJ, Chiuve SE, et al. Heart disease and stroke statistics—2017 update: a report from the American Heart Association. *Circulation* 2017;135: e146–e603.
3. Bjerkreim AT, Naess H, Khanevski AN, Thomassen L, Waje-Andreassen U, Logallo N. One-year versus five-year hospital readmission after ischemic stroke and TIA. *BMC Neurol*. 2019 Jan 29;19(1):15. doi: 10.1186/s12883-019-1242-5. PMID: 30696407; PMCID: PMC6352360
4. Leppert MH, Sillau S, Lindrooth RC, Poisson SN, Campbell JD, Simpson JR. Relationship between early follow-up and readmission within 30 and 90 days after ischemic stroke. *Neurology*. 2020 Mar 24;94(12):e1249-e1258. doi: 10.1212/WNL.00000000000009135. Epub 2020 Feb 20. PMID: 32079738; PMCID: PMC7274933.