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Retrospective Chart Review of Metastatic Solid Tumor Discharges to Subacute Rehab

Sarah Svetec, Molly Hanson CRNP*, Brooke Worster MD

Introduction and Objective

- **Background:** regaining strength through subacute rehabilitation (SAR) as a mechanism to return cancer patients to therapy is poorly understood
- **Rationale:** provide realistic advice to patients when cancer-directed therapy must be stopped
- **Inquiry question:** what are cancer patients able to accomplish following referral to SAR?
 - ***Hypothesis:*** majority of patients will not return to cancer-directed therapy following SAR; high functional status at discharge will be the best predictor of return

Methods

- **Population:** metastatic solid tumor patients discharged to SAR (2018-2020)
 - *Partnership:* Neu Center Research Team
- **Collection methods:** retrospective chart review
- **Main predictors & outcomes:**
 - Primary outcome = patient return to anti-cancer therapy
 - Main predictor = PT functional status score (AMPAC)
- **Analysis:** descriptive statistics of patient outcomes + logistic regression of AMPAC score and return to therapy

Results

- Results are pending!

- ***Example results:***

Only 31 of the 112 patients (28%) returned to cancer-directed therapy within 60 days of discharge to SAR. Functional status score was positively associated with return to cancer-directed therapy. The average survival for patients was 36 days from original discharge and 40% of patients were readmitted to the hospital within 30 days.

Conclusions

- **Potential impact:** guidance to patients during difficult turning point in care
- **Limitations:** sample only includes SKCC patients, decision is highly individual
- **Next steps:** receive data through EPIC extraction → run analysis with statistician → assist in writing paper

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