Radiation Oncology: COVID 19

October 8, 2020

PENN RADIATION ONCOLOGY
Penn Medicine

Pre-Treatment Testing

- **Radiation Oncology implemented COVID-19 pre procedure swabbing for patients prior to Simulation**
  - This went through many iterations
  - Initially Pre-simulation and Prior to start (3 days), then moved to just prior to simulations
  - This was tested and exceptions were made based on patients receiving other procedures that needed COVID testing within a predetermined window of time.
  - Patients are only retested if symptomatic
  - A COVID committee was created to evaluate when we could restart treatment for COVID positive patients
  - All COVID positive patients who MUST begin treatment are treated at the end of the day
  - RN's helped to coordinate testing and called to remind patients
  - **RN's were a driving factor in utilizing a decentralized approach to scheduling of COVID testing.**

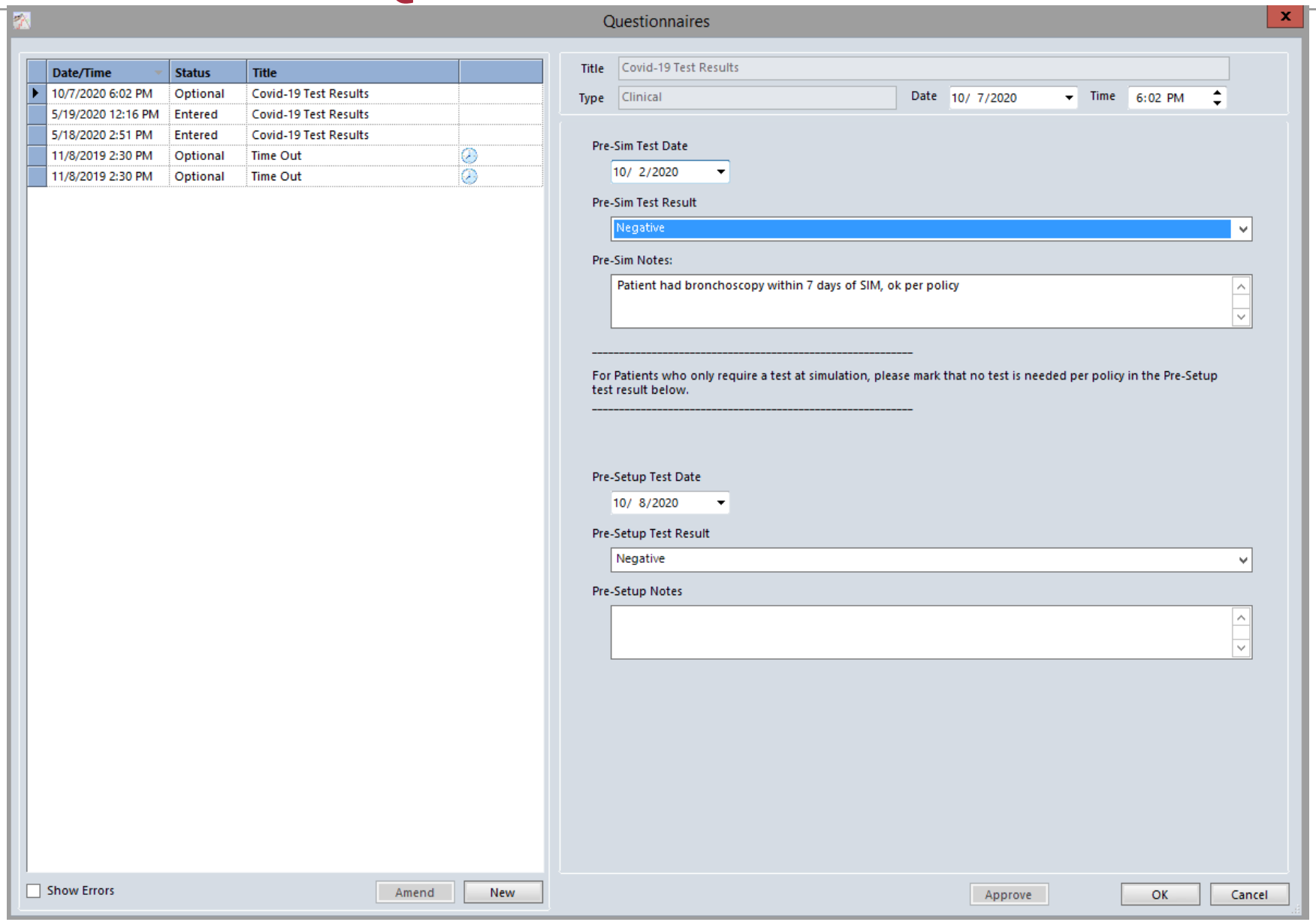
COVID + Treatment Protocol

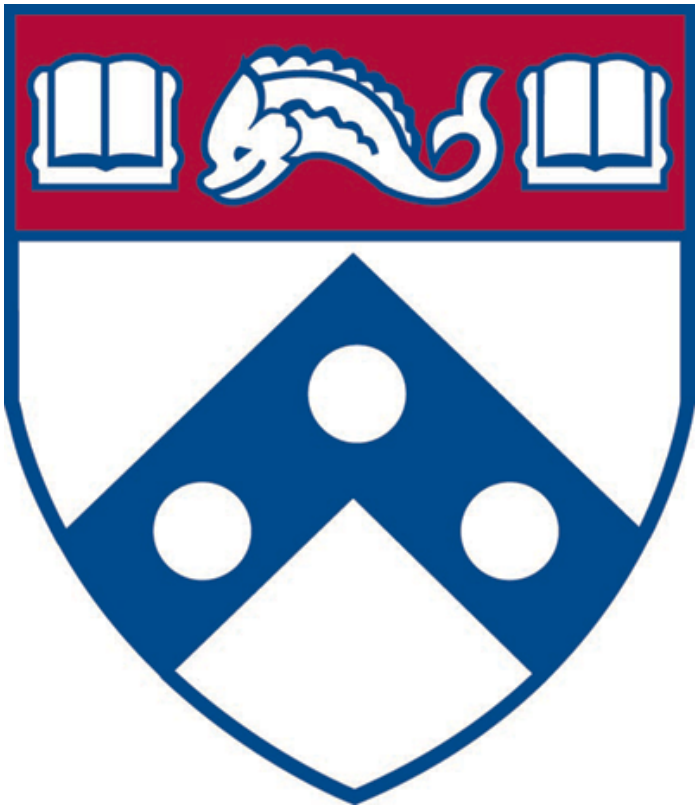
- **Patients are treated at the end of the day**
  - Preferably 30 minutes after last patient to allow decrease of patient traffic
- **Patients park in PCAM parking garage and wait at the surgery center elevators**
- **Patient calls Treatment machine that they are here**
- **Therapist, in full PPE, provides patient mask if needed and escorts patient to treatment room from parking garage elevators. Patient prepares themselves in treatment room (put on gown if needed)**
- **Patient is treated**
- **Therapist then escorts patient out of the building.**

Nursing Tracking and Communication

- Radiation Oncology uses PennChart and ARIA for Radiation Therapy
- Radiation Therapist actively check to see if a patient has had COVID testing. This is documented in Aria in the newly created COVID-19 Test Results Questionnaire
- **RN's are responsible for updating the questionnaire with patients results. Notes are entered if exceptions occur. This allows for Therapist to continue their workflows and keep patients on schedule.**

Aria COVID Questionnaire



ARIA Questionnaire Report

- **A Report can be run to identify which patient has had their COVID testing in Aria.**
- **This is reviewed at a daily Huddle to allow for accountability and safety.**