

How to Speed Radiology Turnaround Time by

43%

In the emergency department (ED), providers are often unaware when non-critical radiology (rad) studies have been completed or resulted. Unless the provider regularly refreshes the EHR tracking board, it can take upwards of an hour for the provider to review the radiology images and move on to treatment decisions. This delay in decision-making contributes to longer length of stay and slower ED throughput.

With TigerConnect, the ED provider is automatically notified of radiology study completion, so care decisions get made faster and patients spend less time in the emergency room.

A TYPICAL HOSPITAL WORKFLOW

VS.

THE TIGERCONNECT WORKFLOW

Patient presents in the ED



RAD ORDERS PLACED



ED provider assesses the patient and orders radiology studies in EHR.

RAD ORDERS PLACED



ED provider assesses the patient and orders radiology studies in the EHR, noting if they would like to receive a TigerConnect notification automatically upon completion of the exam.

STUDY COMPLETED AND READ

Rad tech receives the order via their system worklist in the EHR.



Rad tech calls the ED to coordinate a time for the study.

ED unit clerk answers the phone and pages for the nurse.



Nurse and rad tech coordinate time for study.

After images are taken, the ED provider refreshes the EHR and completes preliminary read. Delays occur if the provider is not immediately available.



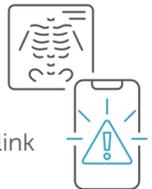
STUDY COMPLETED AND READ

The EHR order automatically triggers a notification via TigerConnect to the rad tech, prompting them to review their system worklist in the EHR.



Using TigerConnect, the rad tech searches the patient's care team for the nurse, and messages the nurse to coordinate a time for the study.

After images are taken, the ED provider receives a TigerConnect message with a hyperlink to review the images.



CLINICAL DECISIONS

ED provider documents preliminary read in the EHR and decides on patient's treatment plan.



CLINICAL DECISIONS

ED provider documents preliminary read in the EHR and decides on patient's treatment plan.



A TYPICAL HOSPITAL WORKFLOW

About **90** Minutes

VS.

THE TIGERCONNECT WORKFLOW

About **51** Minutes

Disclaimer: this workflow does not contain steps that may occur after the radiologist reviews the study. If necessary, the ED provider can choose to receive a TigerConnect notification when results are posted in the EHR.

Automatic notifications speed radiology turnaround times, leading to faster time to treatment for patients. With TigerConnect, the ED provider is notified as soon as radiology exams are completed, so treatment and disposition decisions can be made faster. Additionally, the rad tech is able to communicate any delays or inability to complete the study by real-time messaging the nurse or provider while the patient is in radiology.

To learn more about how to increase ED throughput with TigerConnect, download the eBook, Clinical Workflows for Accelerating Patient Throughput.

[Get the eBook](#)