



Case study: Jack



The following case study is a hypothetical patient and for illustrative purposes only.

Jack is a 65 year old male African-American. He was diagnosed with morbid obesity 10 years ago. He is presenting to your institution with acute onset shortness of breath. Symptoms began a few days before and had progressively worsened with no associated, aggravating, or relieving factors noted.



How can Butterfly impact patient care?

Path to treatment/diagnosis with Butterfly iQ+™








-  Patient is seen by ER physician and a LUS is performed at the bedside during the initial evaluation
-  Diffuse B-lines are detected and Furosemide is given immediately

15 mins

Total time to diagnosis/treatment

- ✗ Advanced Imaging Study
- ✗ Admission to ER
- ✓ High Patient Satisfaction

Path to treatment/diagnosis without Butterfly iQ+™

-  Patient is seen by ER physician, admitted to the ER and a CXR is ordered
-  Single radiographer is busy that evening. CXR is performed after 1-hour wait.
-  The ER physician reads the film as indeterminate and requests a Night Read by the radiologist
-  The radiologist on-call reads the film as pulmonary vascular congestion and reports back to the ER physician
-  ER physician reads the report and combined with EKG and physical exam determines CHF as the cause of the acute SOB
-  Furosemide is given to treat pulmonary congestion and alleviate symptoms
-  Patient is discharged from ER with tertiary cardiology referral

4 hours

Total time to diagnosis/treatment

- ✓ Advanced Imaging Study
- ✓ Admission to ER
- ✗ Low Patient Satisfaction

For more information, please contact your local Butterfly representative, or support@butterflynetwork.com.

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