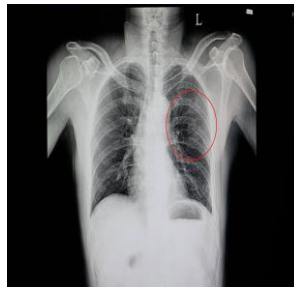


TECHNOLOGY IN HEALTHCARE

Very useful, but there are still some risks to be aware of!

Medical Imaging

X-Rays: Bone structure scans. Takes around 10-15 minutes; results in 10 minutes.



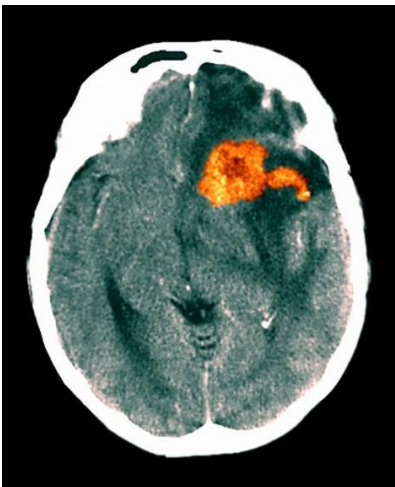
Source: alexanderortho
paedics.com



Zoomed image shows a rib break.

Sources: bing.com, nhs.uk

Source: bbc.co.uk



Orange represents a brain tumour

CT: Shows internal structures.

Diagnoses blood flow problems, cancer, stroke



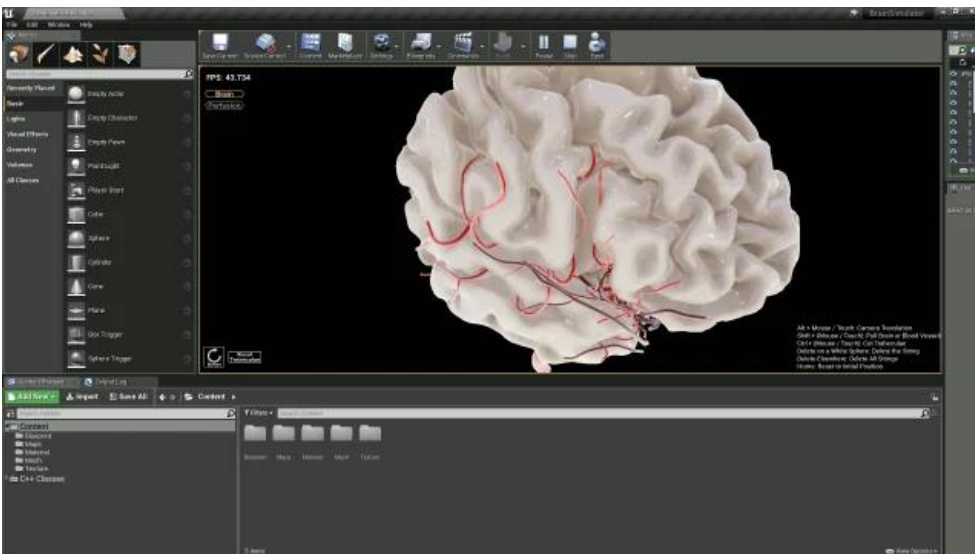
CT machine Source: pdirad.com

Give warnings or errors before going down. E.g, X-Ray tubes should be replaced every few years.

Source: nhs.uk

Simulation technology may be used: research/skill practice/modelling.

Source: elearningindustry.com



Simulation of a brain surgery Source: engineering.com

Patient Records

EHR. Includes basic info and medical history.

Category	Date	Sensitivity	Priority	Description	Status	Visit Date	Sent/Rec
1. INITIAL CONSULT (GENERAL)	01/20/2011	GENERAL	Low	Consultation Letter - 01/20/11 02:34	Pending	01/20/2011	Sent
2. Visit Note	01/20/2011	GENERAL	Low	Consultation Letter - 01/20/11 04:14	Pending	01/20/2011	Sent
3. INITIAL CONSULT (GENERAL)	01/26/2011	GENERAL	Low	Release of Records	Pending	01/26/2011	Received
4. MEDICAL RECORDS (GENERAL)	01/26/2011	GENERAL	Low	Release of Records	Pending	01/26/2011	Received
5. Visit Note	12/31/2010	GENERAL	Low	Consent to Test	Pending	12/31/2010	Sent
6. Signed Form	12/31/2010	GENERAL	Low	Consent to Test	Pending	12/31/2010	Sent
7. Visit Note	12/31/2010	GENERAL	Low	Consent to Test	Pending	12/31/2010	Sent
8. Visit Note	12/20/2010	GENERAL	Low	Internal Authorization of Disclosure Form - 12/20/10 10:55 AM	Pending	12/20/2010	Sent
9. AUTHORIZATION OF DISCLOSURE (HEALTH)	12/20/2010	GENERAL	Low	Internal Authorization of Disclosure Form - 12/20/10 10:55 AM	Pending	12/20/2010	Sent
10. MEDICAL RECORDS (GENERAL)	12/01/2010	GENERAL	Low	Release of Records	Pending	12/01/2010	Received
11. Signed Form	12/01/2010	GENERAL	Low	Consent to Test	Pending	12/01/2010	Sent
12. Visit Note	12/01/2010	GENERAL	Low	Consent to Test	Pending	12/01/2010	Sent
13. Visit Note (Forms)	12/01/2010	GENERAL	Low	Medical Needs Formula Insurance Renewal Form (1)	Pending	12/01/2010	Sent
14. Signed Form	11/08/2010	GENERAL	Low	Consent to Test	Pending	11/08/2010	Sent
15. Visit Note	11/08/2010	GENERAL	Low	Consent to Test	Pending	11/08/2010	Sent
16. INITIAL CONSULT (GENERAL)	09/24/2010	GENERAL	Low	Consultation Letter - 09/24/10 12:21	Pending	09/24/2010	Sent
17. MEDICAL RECORDS (GENERAL)	09/24/2010	GENERAL	Low	Release of Records	Pending	09/24/2010	Received

Source: abidss.com

Source: medanets.com

Source: dzone.com

Otherwise, it will be reobtained from the patient, and recorded on paper to be copied later.

Source: technicalprospects.com

Security

In some

Use of electronic prescriptions is becoming increasingly widespread. They are also sometimes available to the patient at home/remotely.

Source: nhs.uk



Source: safensoft.com