
UK Hospital Chooses EMR Workspace for Image Guided Radiation Therapy



Delivering Image Guided Radiation Therapy (IGRT) effectively and safely involves careful coordination of sophisticated systems, such as the therapy machine and its imaging subsystems, as well as the [electronic medical record](#) (EMR) used to schedule and record patient treatments. Clinicians at Nottingham University Hospital are piloting their new IGRT program with SYNERGISTIQT[™], Elekta's workflow management system for Elekta Synergy[®] linear accelerators. Nottingham's Radiotherapy Services Manager, Russell Hart, reports that SYNERGISTIQT is streamlining IGRT by orchestrating MOSAIQT[®] EMR and Elekta Synergy activities from a single workstation.

"The cone beam CT capabilities provided by the two Synergy systems we acquired are new to this department," Hart says. "Given that, and looking at the high potential workflow for these systems – as many as 40 patients per day per system – we wanted the IGRT be as efficient as possible. We were impressed with how SYNERGISTIQT provided a very streamlined workflow for the radiographer, who operates the linac.

The fact that Nottingham already operated four Elekta Precise Treatment System[™] linacs did not confer an advantage to the company during equipment evaluations, as National Health Service (NHS) guidelines for major procurements require that centers evaluate the solutions of all relevant providers, Hart notes.

From single workstation, U.K. center coordinates advanced IGRT therapy for patients with cancer

NOTTINGHAM, England, March 15, 2011 /PRNewswire/ -- Delivering Image Guided Radiation Therapy (IGRT) effectively and safely involves careful coordination of sophisticated systems, such as the therapy machine and its imaging subsystems, as well as the [electronic medical record](#) (EMR) used to schedule and record patient treatments. Clinicians at Nottingham University Hospital are piloting their new IGRT program with SYNERGISTIQT[™], Elekta's workflow management system for Elekta Synergy[®] linear accelerators. Nottingham's Radiotherapy Services Manager, Russell Hart, reports that SYNERGISTIQT is streamlining IGRT by orchestrating MOSAIQT[®] EMR and Elekta Synergy activities from a single workstation.

"The cone beam CT capabilities provided by the two Synergy systems we acquired are new to this department," Hart says. "Given that, and looking at the high potential workflow for these systems – as many as 40 patients per day per system – we wanted the IGRT be as efficient as possible. We were impressed with how SYNERGISTIQT provided a very streamlined workflow for the radiographer, who operates the linac.

The fact that Nottingham already operated four Elekta Precise Treatment System[™] linacs did not confer an advantage to the company during equipment evaluations, as National Health Service (NHS) guidelines for major procurements require that centers evaluate the solutions of all relevant providers, Hart notes.

"Only Elekta was able to offer that single workstation for the operator, which the others claimed to have but, in reality, did not," he says. "That meant that Elekta presented a total solution that included workflow and oncology information management, as well as the Elekta Synergy treatment systems and [treatment planning](#) with Monaco[®]."

MOSAIQT oncology information system went clinical at Nottingham in June 2010, followed by the Elekta Synergy systems with SYNERGISTIQT in October and November.

Nottingham University Hospital is First U.K. User of Elekta's Electronic Medical Record Workspace for Image Guided Radiation Therapy

From single workstation, U.K. center coordinates advanced IGRT therapy for patients with cancer

NOTTINGHAM, England, March 15, 2011 /PRNewswire/ -- Delivering Image Guided Radiation Therapy (IGRT) effectively and safely involves careful coordination of sophisticated systems, such as the therapy machine and its imaging subsystems, as well as the [electronic medical record](#) (EMR) used to schedule and record patient treatments. Clinicians at Nottingham University Hospital are piloting their new IGRT program with SYNERGISTIQT[™], Elekta's workflow management system for Elekta Synergy[®] linear accelerators. Nottingham's Radiotherapy Services Manager, Russell Hart, reports that SYNERGISTIQT is streamlining IGRT by orchestrating MOSAIQT[®] EMR and Elekta Synergy activities from a single workstation.

"The cone beam CT capabilities provided by the two Synergy systems we acquired are new to this department," Hart says. "Given that, and looking at the high potential workflow for these systems – as many as 40 patients per day per system – we wanted the IGRT be as efficient as possible. We were impressed with how SYNERGISTIQT provided a very streamlined workflow for the radiographer, who operates the linac.

The fact that Nottingham already operated four Elekta Precise Treatment System[™] linacs did not confer an advantage to the company during

equipment evaluations, as National Health Service (NHS) guidelines for major procurements require that centers evaluate the solutions of all relevant providers, Hart notes.

"Only Elekta was able to offer that single workstation for the operator, which the others claimed to have but, in reality, did not," he says. "That meant that Elekta presented a total solution that included workflow and oncology information management, as well as the Elekta Synergy treatment systems and [treatment planning](#) with Monaco®."

MOSAIQ oncology information system went clinical at Nottingham in June 2010, followed by the Elekta Synergy systems with SYNERGISTIQ in October and November.

Nottingham University Hospital is First U.K. User of Elekta's Electronic Medical Record Workspace for Image Guided Radiation Therapy

From single workstation, U.K. center coordinates advanced IGRT therapy for patients with cancer

NOTTINGHAM, England, March 15, 2011 /PRNewswire/ -- Delivering Image Guided Radiation Therapy (IGRT) effectively and safely involves careful coordination of sophisticated systems, such as the therapy machine and its imaging subsystems, as well as the [electronic medical record](#) (EMR) used to schedule and record patient treatments. Clinicians at Nottingham University Hospital are piloting their new IGRT program with SYNERGISTIQ™, Elekta's workflow management system for Elekta Synergy® linear accelerators. Nottingham's Radiotherapy Services Manager, Russell Hart, reports that SYNERGISTIQ is streamlining IGRT by orchestrating MOSAIQ® EMR and Elekta Synergy activities from a single workstation.

"The cone beam CT capabilities provided by the two Synergy systems we acquired are new to this department," Hart says. "Given that, and looking at the high potential workflow for these systems – as many as 40 patients per day per system – we wanted the IGRT be as efficient as possible. We were impressed with how SYNERGISTIQ provided a very streamlined workflow for the radiographer, who operates the linac.

The fact that Nottingham already operated four Elekta Precise Treatment System™ linacs did not confer an advantage to the company during equipment evaluations, as National Health Service (NHS) guidelines for major procurements require that centers evaluate the solutions of all relevant providers, Hart notes.

"Only Elekta was able to offer that single workstation for the operator, which the others claimed to have but, in reality, did not," he says. "That meant that Elekta presented a total solution that included workflow and oncology information management, as well as the Elekta Synergy treatment systems and [treatment planning](#) with Monaco®."

MOSAIQ oncology information system went clinical at Nottingham in June 2010, followed by the Elekta Synergy systems with SYNERGISTIQ in October and November.

Published on : Tue, 15 Mar 2011