



Greater Manchester **Cancer**
Academy
Personalised Care

Genomics Education Event: Post Event Evaluation

Overview

The Genomics Education Event took place at the Hyatt Regency Manchester on Monday 9th October 2023. The aim of the event was to provide an understanding of genomics and the work being done to embed testing into oncology pathways in Greater Manchester.

Anecdotal evidence was received from across Greater Manchester (GM) indicating that there was a lack of knowledge around genomics in diagnosing and treating cancer.

The GM Cancer Alliance wanted to engage individuals with the genomics project and give them the opportunity to inform on the GM Cancer genomics strategy. As a result of this, a face-to-face event focusing on genomic testing pathways within GM was delivered.

Learning Objectives

- Learn the basics and application of genomics in cancer care
- Understand the importance of embedding genomics into routine cancer care, and the steps we can take to ensuring all patients are receiving the testing as and when required
- Discover what the future of genomics holds for cancer care

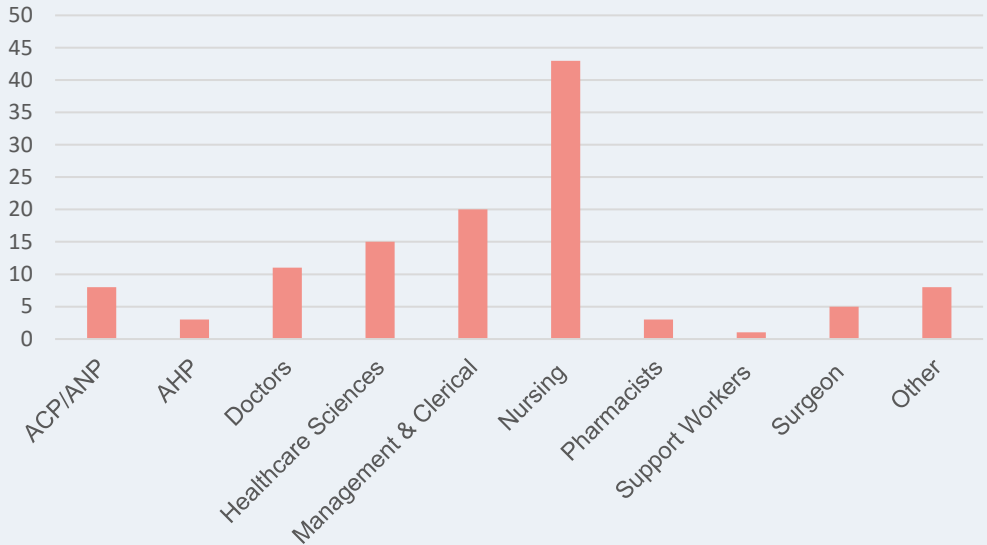


Delegate Statistics

- 150 delegates registered for the Genomics Education Event
- 44% of registered delegates completed the event evaluation survey

Delegate Demographic

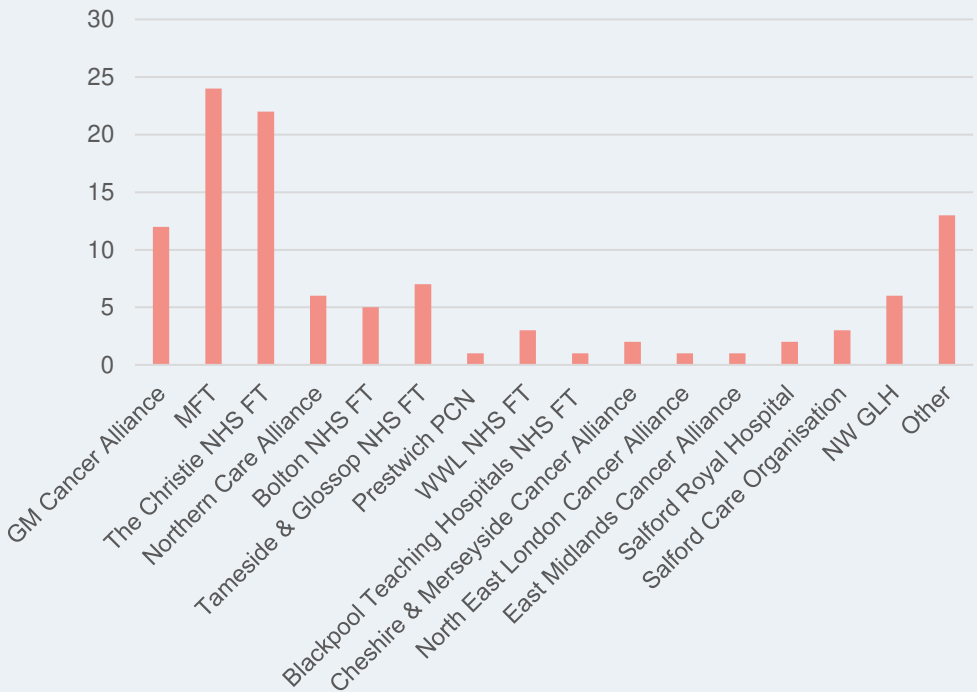
The below graph shows the variation in delegate professional grouping. The most represented professional group within delegates that completed the survey was 'Nursing' while the least represented professional group was 'Support Workers.'



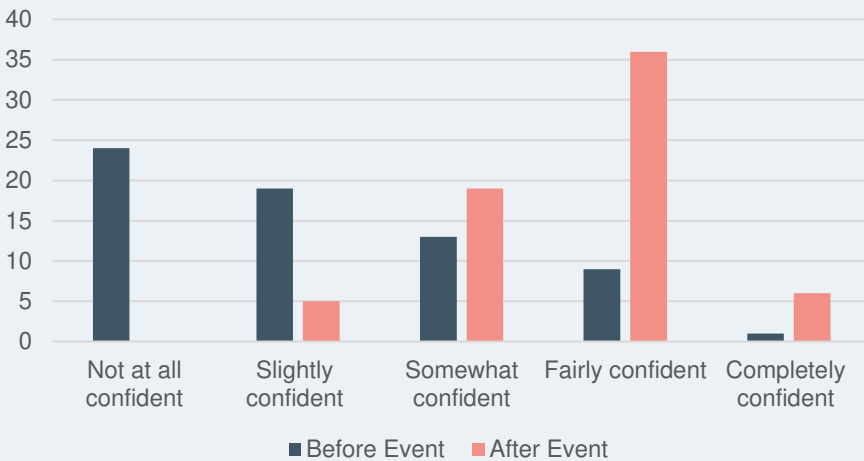
The event saw representation from a variety of care settings. The highest represented care setting was Secondary Care (57%).

The below graph shows the breakdown of delegate place of work. The Genomics Education Event attracted delegates from a wide variety of workplaces, with 15 organisations being recorded in the survey and 13 delegates with workplaces categorised as 'other'.

Manchester University NHS Foundation Trust saw the highest representation. Delegates were also noted from Prestwich Primary Care Network, Blackpool Teaching Hospitals NHS Foundation Trust, North East London Cancer Alliance and East Midlands Cancer Alliance.



Delegate Confidence Level



Confidence levels improved across all levels. The most significant increase was seen in the 'fairly confident' category, rising from 13% pre-event to 55% post-event.

After the event, no delegates indicated that they felt 'not confident at all' as opposed to 36% prior to the event taking place.

Content Analysis

61% of delegates voted they agreed the right subjects were covered at the right level with 0% of delegates voting they disagreed. Furthermore, 30% of delegates voted that they strongly agreed that the right subjects were covered at the right level.

Event Rating

The Genomics Education Event was rated 4.7/5 overall. Additionally, 100% of delegates said they would recommend the Genomics Education Event to a colleague. This rating was consolidated by additional delegate reasoning, some of which is listed on the next page.



- “This event environment allowed us all to communicate freely about our experiences as well as thoughts on each other’s work, and what could be improved to ensure that genetic testing results could be conveyed clearly and concisely for CNS to quickly and easily interpret.”
- “Having talks about the future of genomics and the implementation of certain testing strategies and research communicated in a non-science predominant way allowed all staff, clinical and scientific, to fully appreciate the advancements in the genomics field, and how it may affect the care we provide in the future.”
- “I went in knowing nothing, I came out with a basic understanding. A great study day.”
- “ The shorter talk lengths really helped with gaining lots of information in a manageable way, and all of the speakers were excellent as well.”

What did you learn that will impact your practice/patient care?

- “Genetics v genomics and the impact on patient care.”
- “How important genomics is becoming in a patient’s treatment journey - it’s almost everybody’s business.”
- “A better understanding of genomic testing in clinical context and the perspective of patients taking targeted treatments.”
- “Understanding somatic and germline, treatments to stop disease.”
- “Offering and explaining about genetic testing to patient will enhance their treatment outcomes and increase their treatment options.”
- “The introductory talks really helped me to gain a basic understanding of the concepts involved in genomics and gave me the confidence to communicate this to patients going forward.”

Points for Reflection

- “The clinical aspects of handling and processing genomic samples could have been elaborated more.”
- “As a patient I would have loved if I received the terminology before the actual event in order to familiarise myself with it as opposed to being handed it on the day when there was intense information being given so I could not afford to keep flicking between the terminology sheet.”
- “I’m not sure it would be possible, but it would be interesting to hear about genomes in all cancer groups.”
- “It would be good to hear more about specific cancer group treatments.”



Conclusion

The purpose of the event was to increase the awareness of genomics across all workforce groups and educate on the basics. We identified the need for the event with the help of the Genomics Clinical Leads, the Cancer Voices Community, the NW GMSA and the NW GLH. The event generated great interest and the day saw over 100 professionals and patient representatives attend to learn about genomics and the work ongoing within the GM Cancer Alliance.

Throughout the day, various talks were delivered on the cancer genomics infrastructure in GM, targeted treatments and their importance and the future of genomic testing, and more specific topics were covered in the breakout sessions.

Overall, it was a successful event and highlighted what the next steps of the project should be.

Points for Further Education

It was identified that patient education is required, and although patient educational videos had been agreed upon prior to the event, possible content for the videos was established.

Additionally, education content is required for all workforce groups, with an overarching genomics module, consenting to germline testing and pathway specific modules to be explored.

Work is ongoing with the GMSA to understand better what resources are available, where any gaps lie and what the local requirements around education are within Greater Manchester. Conversations are also being had around the ACCEND and how genomic capabilities can be incorporated into the national framework.

Finally, further educational events (both generic, for all workforce groups and more tumour/workforce specific) will be explored.

