

Wye Valley Community Diagnostic Centre

Healthcare- Case Study



The Diagnostic Centre is an impressive 1,140m², two-story building, expertly designed in collaboration with Medical Architecture and Architype for the Wye Valley NHS Trust and successfully delivered by Main Contractor Speller Metcalfe in partnership with Innovaré offsite. The building utilises Innovaré’s Low Carbon Fire Safe 384mm i-FAST panel and Low Risk Rapid Build Full Structure solution. The Innovaré full structure solution consists of timber-based i-FAST wall panels with a hybrid low-carbon material approach for the floor and roof components.

The building is designed to meet Passivhaus standards, featuring high thermal efficiency, airtightness, and mechanical heat recovery. These elements work together to reduce carbon emissions and improve energy performance, resulting in significant long-term savings for the NHS estate. Additionally, the design aligns with the Trust’s sustainability goals, surpassing the NHS Net Zero Carbon Building Standard and achieving a BREEAM Excellent rating.

In consultation with a wide range of NHS stakeholders, the internal spaces have been meticulously designed to meet the specific technical and safety requirements of a cutting-edge diagnostic facility. The ground floor spaces accommodate MRI, CT, and X-ray imaging, ensuring efficient structural engineering and easy patient access. The first-floor houses consultation rooms and staff welfare facilities, with ample natural daylight and views to promote wellbeing. The Centre will significantly reduce pressure on the main hospital by providing additional diagnostic facilities, including MRI, CT, X-ray, and ultrasound. This will enable earlier diagnosis of critical conditions, improving patient outcomes.

Project	Wye Valley Community Diagnostic Centre
Client	Wye Valley NHS Trust
Contractor	Speller Metcalfe Limited
Architect	Medical Architecture & Architype
Overall Value	£18m
Location	Hereford
Completion Date	17/09/24
Innovare duration onsite	7 Weeks
GIFA	1,140m ²
Framework	D&J Carpentry Limited
What did Innovaré build	Two storey Medical Centre



Adrian Speller,

Director at Speller Metcalfe, said:

“The new facility will usher in a new level of diagnostic service for Herefordshire and will mean a reduced risk of cancellations and it will deliver a more personalised experience for patients by providing a single point of access to a range of services in the community”