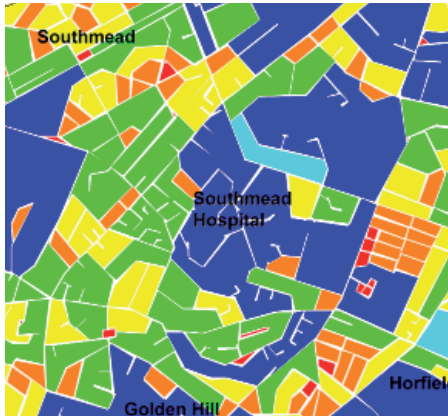


# Case study Bristol, Southmead Hospital

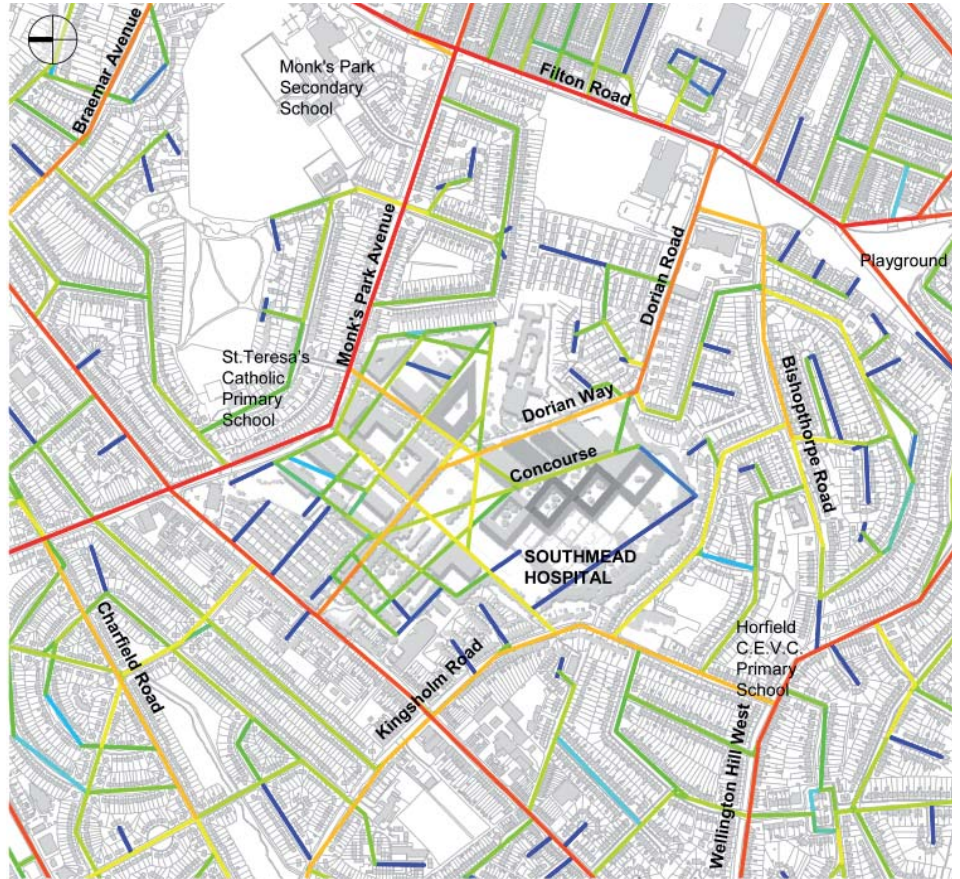
## Hospital campus layout



A

**A** Urban block size analysis for the existing conditions demonstrating the campus as a large block in the area

**B** Spatial accessibility model of the area with the proposed scheme revealing the route hierarchy that the scheme will create



B

### Client

Skanska Innisfree PFI consortium

### Duration

2007

### Professional team

NGM Architects

### Our role

xxx

### Key features

Urban baseline study  
Proposed option testing

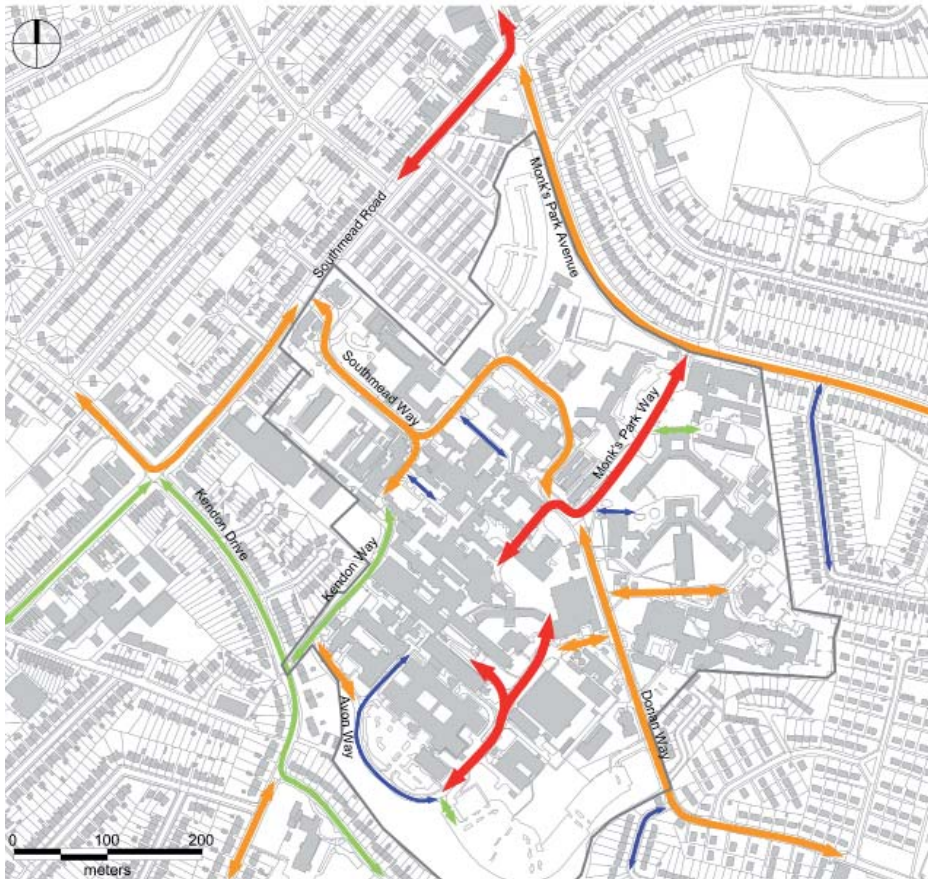
### The opportunity

Space Syntax was commissioned by the Skanska Innisfree PFI Consortium to provide masterplanning and strategic design services for the redevelopment of Southmead Hospital in Bristol. Working with NGM Architects, we provided an evidence-based baseline study of the existing hospital and its urban context, which we then used in the development of a building layout, circulation and public realm strategy.

### Our contribution

We employed evidence-based methodologies including the following:

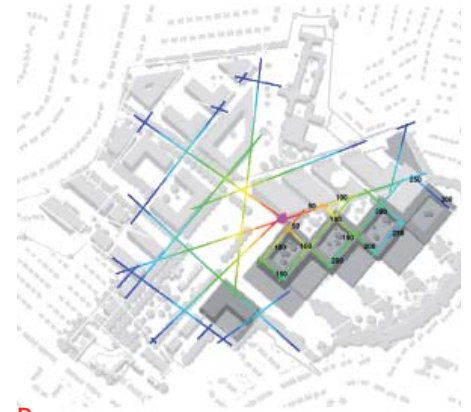
- observations of pedestrian flows, user routes and stationary activities;
- wayfinding studies;
- visibility analysis of public spaces;
- spatial accessibility analysis;
- option testing and evaluation; and
- evidence-based design advice.



C

### The outcome

Our work informed the key issues regarding main access to the hospital campus, internal circulation and the locations of key functions. Based on the baseline study and the design assessment of the proposed scheme and the two public sector comparators, we proposed design strategy options.



D

C Summary of pedestrian movement data collected through observations

D Walking distance analysis for the proposed scheme from the entrance