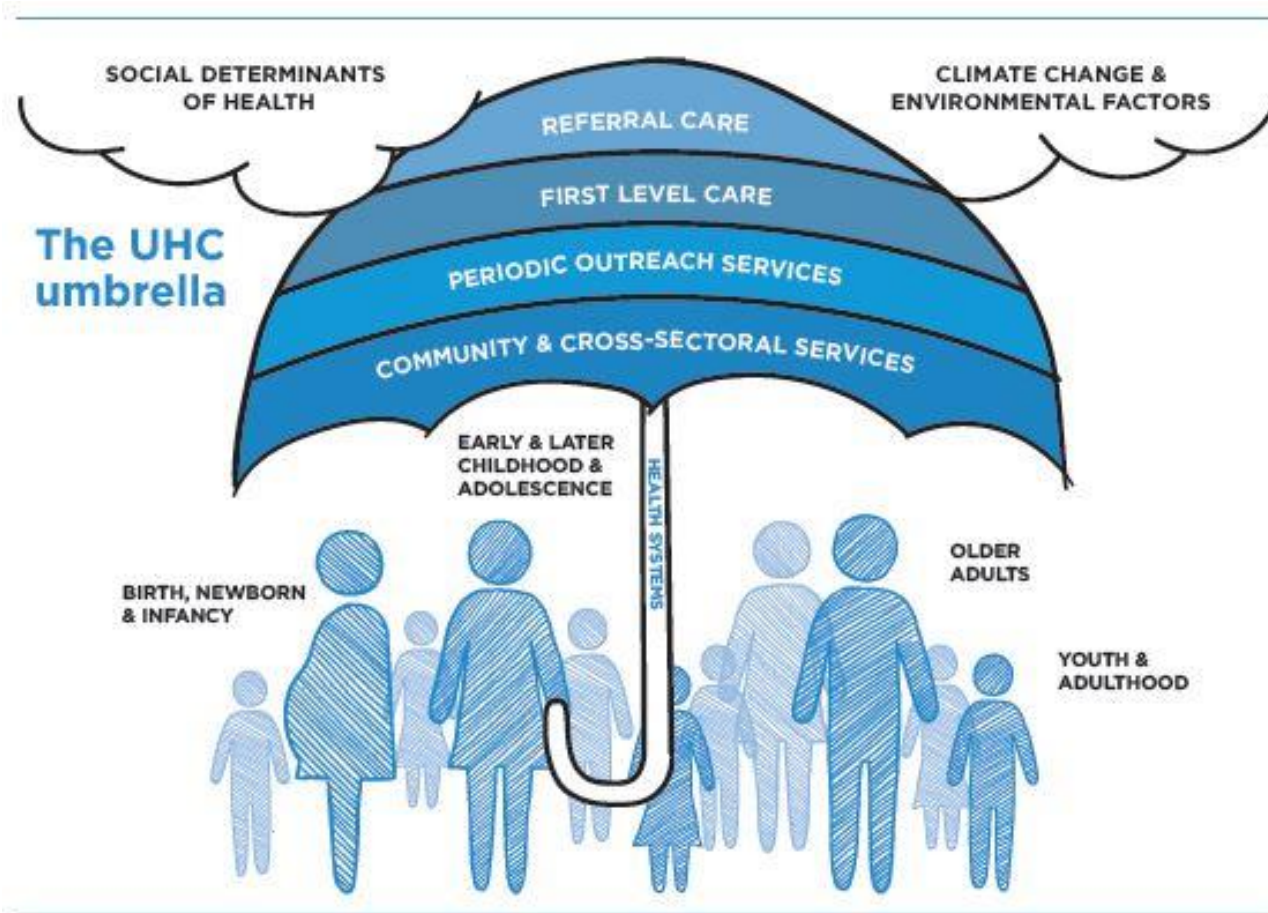
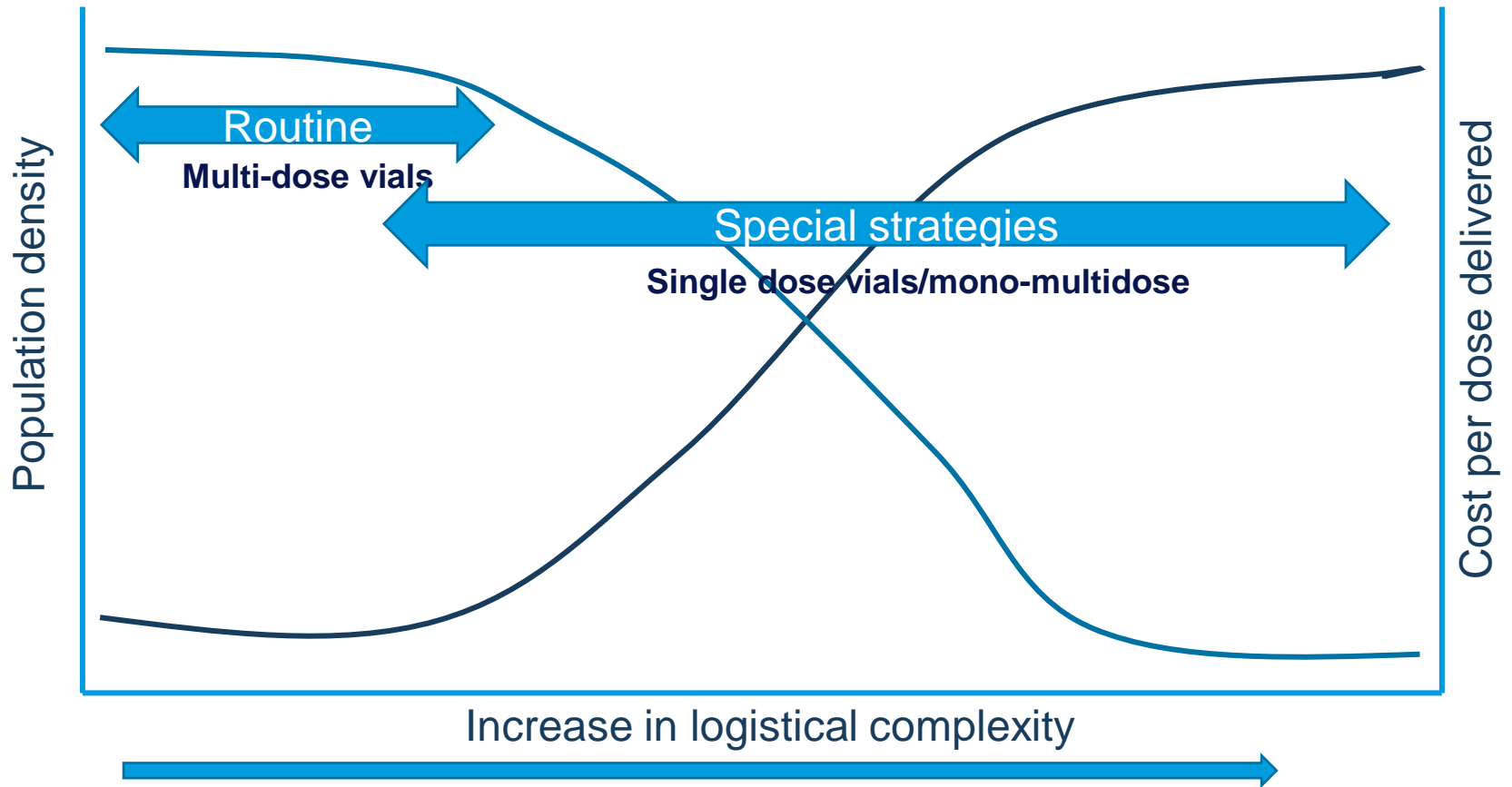


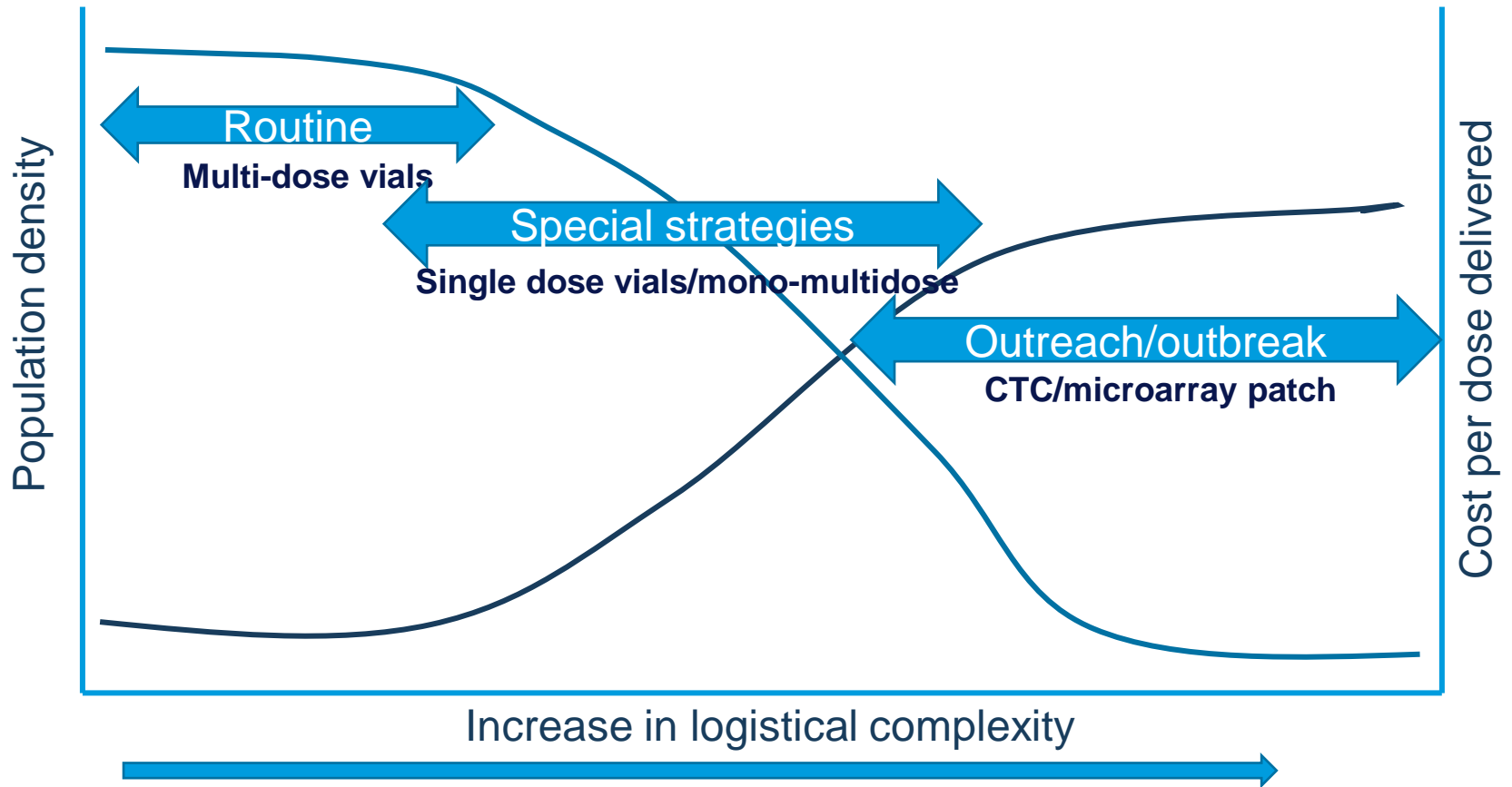
Universal Health Coverage: a people-centred approach



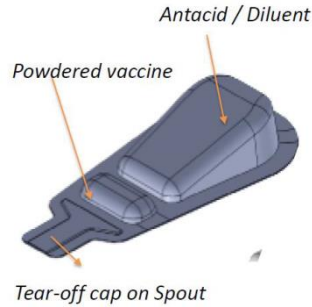
When one size does not fit all



When one size does not fit all



Vaccine product innovations can help to break coverage and equity plateaus



Improve safety
Increase Health Impact
Improve coverage and equity

Reduce procurement cost
Decrease delivery cost



Total Systems Effectiveness identifies the most effective vaccine product innovations



WHO full public health value proposition (FPHVP):
focusing on maximising public health value from a *population/societal perspective*.



TSE informs the optimal product preferences by aligning priority vaccine attributes with country needs.

Preferred product characteristics

BILL & MELINDA
GATES foundation



WILLIAM DAVIDSON INSTITUTE
AT THE UNIVERSITY OF MICHIGAN



Total Systems Effectiveness identifies the most effective vaccine product innovations



TSE promotes a change in the product development paradigm, so that **country demand informs product development**

Traditional approach:



PQ – pre-qualification
PPC – preferred product characteristics (guidance from WHO for a specific pathogen)
TPP – target product profile (produced by product developers for a specific product)

TSE approach:



TSE should create a 'pull' for new products that meet LMIC preferences
.....and reduce the timeline between licensure and uptake