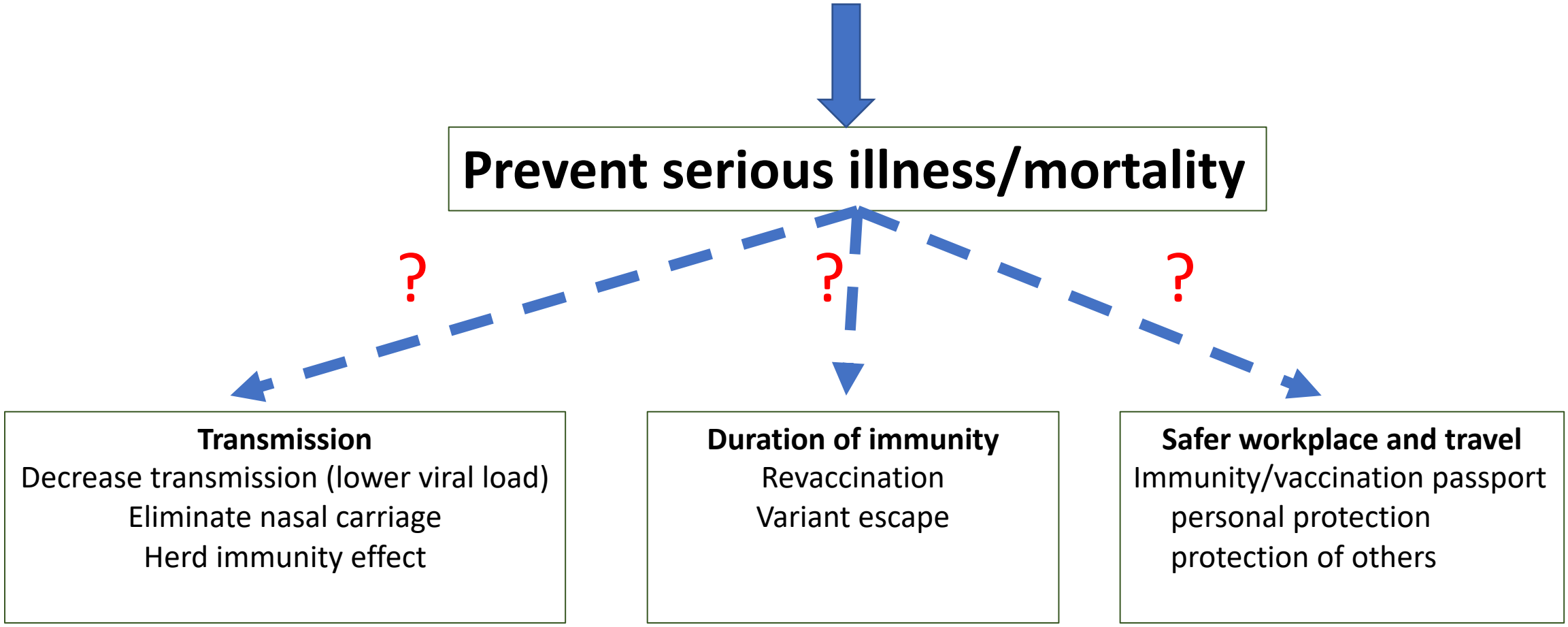
Vaccination against COVID-19



Diagnostic testing during the COVID-19 pandemic

Activity	Purpose	Role of testing	Required test attributes
ILI Surveillance	Outbreak alert Patient diagnosis Genetic epidemiology Vaccine efficacy	Detect outbreak Patient management Identify variants Identify correlate of protection	Highly sensitive and specific Highly specific Highly sensitive and specific Highly sensitive
Patient management	Hospital discharge	Ensure that patients are not infectious on discharge from health facility	Highly sensitive and specific
Contact tracing	Confirm infection in self-isolating persons	Identify infected contacts from those who become sick	Highly sensitive and specific
Immunity profile community	Epidemiological study	Determine populations at risk	Highly sensitive
Workplace/ travel	Worker and travel safety	Rapid screening before entry	Highly sensitive and specific
Need to vaccinate/ revaccinate	Immune passport (?) Booster dose (?)	Identify correlates of protection	Highly sensitive