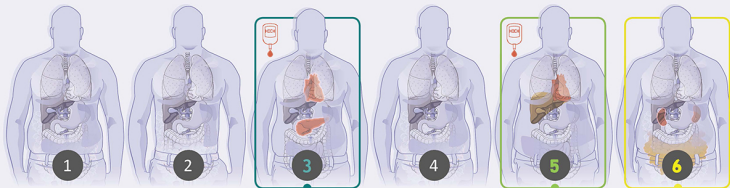


# Prediabetes subtypes



**CLUSTER 3 HIGH RISK**  
LOW INSULIN SECRETION  
HIGH GENETIC RISK

High risk of diabetes  
High cardio-vascular risk  
Nephropathy risk

**CLUSTER 5 HIGH RISK**  
HIGH LIVER FAT  
INSULIN RESISTANCE

High risk of diabetes  
High cardio-vascular risk  
Higher mortality  
High risk of nephropathy

**CLUSTER 5 HIGH RISK**  
HIGH VISCERAL FAT  
HIGH RENAL SINUS FAT

Relatively low diabetes risk  
High risk of nephropathy  
Higher mortality

**CLUSTER 1,2,4: LOW DIABETES RISK, LOW MORTALITY**