



History of gestational diabetes and incident nonalcoholic fatty liver disease: The Kangbuk Samsung Health Study

64,397 eligible participants without NAFLD at baseline were followed up for a median of 3.7 years

- Cox proportional hazards used to investigate the association between prior history of GDM and incident NAFLD
- All NAFLD represents all cases of incident hepatic steatosis at follow up and the sub-group with moderate to severe NAFLD represents moderate to severe hepatic steatosis at follow up
- Change during follow-up were accounted for by using time-varying variables in the models

Time-dependent variables HR (95%CI)

GDM (-)	1.00 (reference)	
GDM (+)	1.46 (1.33-1.59)	All NAFLD
GDM (-)	1.00 (reference)	
GDM (+)	1.75 (1.25-2.44)	Moderate -to- Severe NAFLD

Proportions of the association between GDM and incident NAFLD explained by incident type 2 diabetes or HOMA-IR as a proxy for insulin resistance identified from mediation analyses

