

ESM table 1: codes used in the SNDS database to create variables needed for the study

Delivery stays	ICD-10: Z37
Pregnancy start date	= Date of delivery – (gestational age in completed weeks * 7 + 14)
Diabetes status	
Hospitalization with diabetes	ICD-10: E10, E11, E12, E13, E14, E220, G632, H360, O24 or R739
Insulin	ATC: A10 (except A10BX06) with the mention "Insulin"
Oral glucose-lowering agents	ATC: A10 (except A10BX06) without the mention "Insulin"
Glucose strips	LPP: 1173487, 1136894, 1186722, 1180441 or 1187408
Glucose assay	NABM: 412, 413 or 552
Maternal outcomes	
Caesarean section	CCAM : JQGA002, JQGA003, JQGA004 or JQGA005
Preeclampsia or eclampsia	ICD-10 : O14 or O15
Antepartum, intrapartum and postpartum haemorrhages	ICD-10 : O441, O67, O72 or O902
Live birth or stillbirth stays	ICD-10 : Z38 or P95
Neonatal outcomes	
Perinatal death	ICD-10 : P95 or death within the first 7 days of life
Congenital malformations	ICD-10 : Q00-Q99
Erb's palsy or clavicle fracture	ICD-10 : P140, P141, P142, P143 or P134 for vaginal deliveries only
Fetal distress	ICD-10 : O68 (in the delivery discharge data)
Neonatal hypoglycaemia	ICD-10 : P704

Abbreviations:

ICD-10: International Classification of Diseases, 10th edition

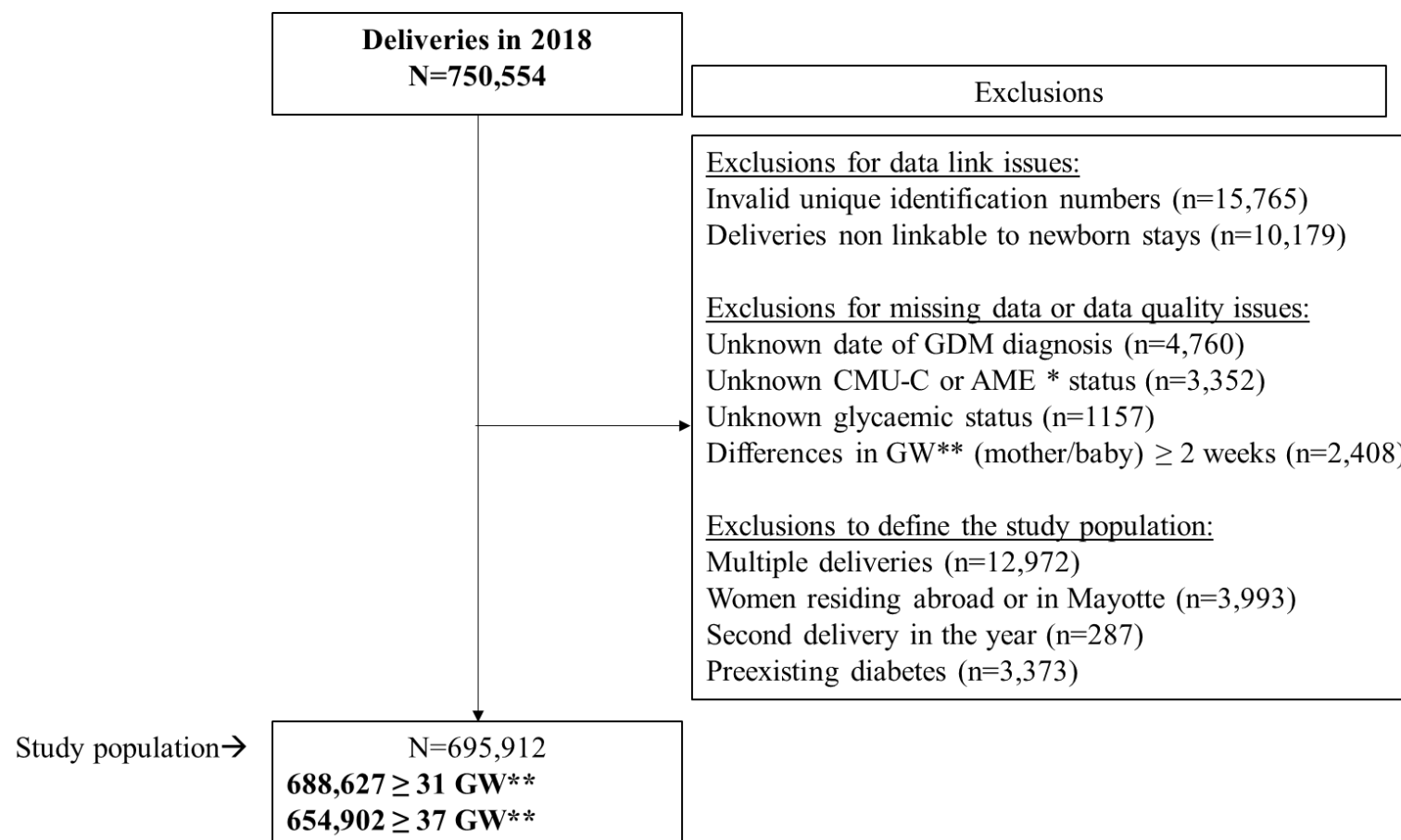
ATC: Anatomical Therapeutic Chemical classification

LPP (*Liste des Produits et des Prestations*): French nomenclature for medical devices

NABM (*Nomenclature des actes de biologie médicale*): French nomenclature for medical biology procedures

CCAM (*Classification Commune des Actes Médicaux*): French nomenclature for medical procedures

ESM Fig. 1: study flowchart



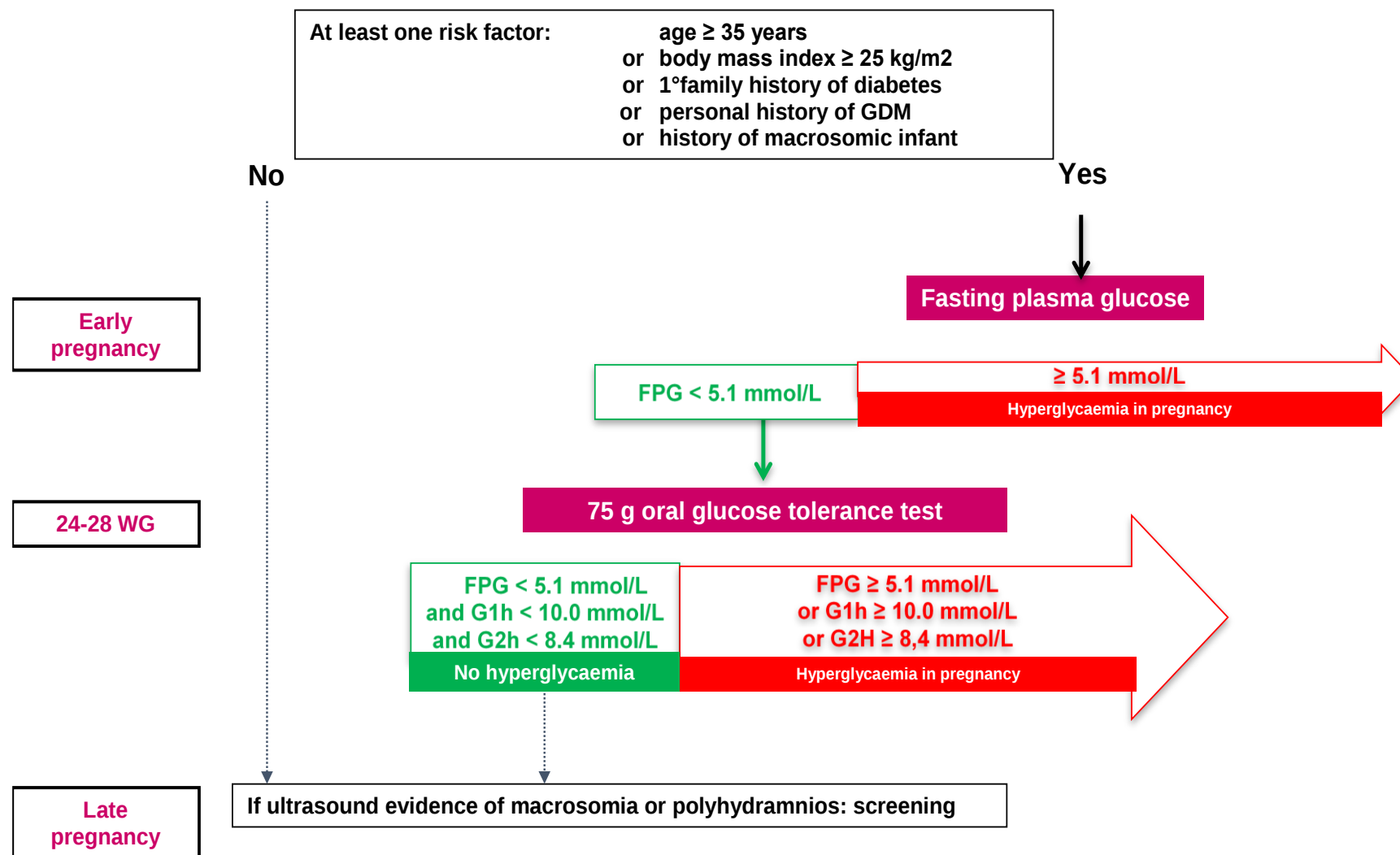
Legend:

* CMU-C: complementary universal medical coverage

* AME: state medical aid for undocumented migrants

** GW: gestational week

ESM Fig. 2: French recommendations for screening for hyperglycaemia in pregnancy



Legend:

This algorithm shows current French recommendations

FPG: fasting plasma glucose; G1h and G2h: plasma glucose value 1 and 2 hours after 75g oral glucose tolerance test, respectively;

WG: weeks of gestation

Plasma glucose value: 5.1 mmol/L = 92 mg/dL ; 8.5 mmol/L = 153 mg/dL ; 10.0 mmol/L = 180 mg/dL

Reference: Gestational diabetes. Summary of expert consensus. Diabetes Metab 2010;36:695-699