

Supplementary table 1: Audit template

Age	Iron supplementation
Alcohol consumption (per week)	Physical activity
Smoking usage (per day)	Thyroid disease
Recreational drug usage	Mental health illness
History of eating disorder(s)	Asthma
Height (cm) (within last 24 months)	Current medication
Weight (kg) (within last 24 months)	Family history
BMI (within last 24 months)	Obstetric history
Blood sugar (mmol/L) (within last 24 months)	Immunisations - Hepatitis B vaccine, Rubella vaccine, Influenza vaccine, Varicella vaccine, MMR vaccine and dTpa (diphtheria, tetanus, acellular pertussis)
Blood pressure (within last 24 months)	Iodine supplementation
Fertility problems	Genetic diseases
Diabetes	

Supplementary table 2: Data dictionary and results summary

Preconception health risk factor	Description	Practice										Mean of participants from the 10 practices
		A	B	C	D	E	F	G	H	I	J	
Smoking	Documented	68%	93%	70%	99%	88%	75%	63%	93%	77%	63%	79%
	Current smokers (out of documented)	15%	12%	7%	17%	11%	12%	25%	11%	17%	16%	14%
Blood pressure	Documented (after 2020)	54%	30%	83%	75%	90%	74%	84%	90%	64%	95%	74%
	High blood pressure >140/90 (out of documented)	5%	4%	7%	8%	10%	6%	13%	7%	3%	9%	7%
Alcohol consumption	Documented	56%	89%	37%	91%	55%	45%	43%	96%	67%	52%	63%
	Consume <10 drinks /week	34%	26%	54%	29%	53%	49%	28%	57%	40%	44%	41%
	Excessive drinking >10 drinks/week (out of documented)	0%	0%	0%	5%	2%	0%	7%	0%	2%	0%	2%
BMI	Documented	43%	49%	34%	62%	36%	77%	56%	85%	64%	61%	57%
	Overweight BMI > 25 x <29.9 (out of documented)	23%	29%	29%	27%	38%	32%	16%	26%	22%	28%	27%
	Obese BMI >30 (out of documented)	16%	18%	26%	37%	16%	19%	23%	28%	18%	43%	24%
Blood glucose	Documented (after 2020)	4%	0%	3%	5%	13%	5%	4%	43%	29%	11%	12%
	High blood glucose (out of documented) >7.8mmol/l	25%	0%	0%	20%	0%	0%	0%	0%	0%	18%	6%
Diabetes	Documented	0%	1%	2%	8%	3%	2%	3%	91%	26%	5%	14%
	Diabetics (out of documented)	0%	100%	100%	100%	100%	100%	100%	9%	15%	100%	72%

Mental health conditions	Schizophrenia, panic disorders, bipolar disease, anxiety/depression documented in current medical conditions	19%	19%	33%	29%	40%	33%	33%	39%	7%	25%	28%
Asthma	Asthma listed as a medical condition	5%	9%	10%	14%	13%	17%	12%	24%	8%	16%	13%
Thyroid disease	Hypo/hyperthyroidism listed as a medical condition	1%	2%	5%	3%	5%	14%	3%	8%	6%	11%	6%
Iron supplementation	Prescribed with Ferrograd, Maltofer, Iron infusions (ferinject)	8%	6%	12%	7%	3%	10%	2%	1%	3%	4%	6%
Obstetric history	Descriptive text available in a structured field for obstetric history	1%	6%	16%	40%	40%	34%	27%	26%	15%	10%	22%
Family history	Descriptive text available in a structured field for family history	37%	6%	37%	31%	68%	23%	12%	91%	25%	31%	36%
Current medication	Category C/D medication prescribed (may have harmful effects on the fetus)	25%	15%	19%	7%	22%	9%	21%	14%	17%	22%	17%