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## First trimester exposure to piracetam: A report of four cases

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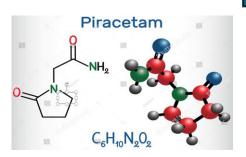
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## Introduction:

Piracetam Exposure



4 Pregnant Women



2013-2015-2020-2021















RESULT



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Case	Birth outcomes	Demographics	Exposure	Dose	Concomitant Medications	Co-morbidities
1	Neonatal death (intestinal non-fixation, sepsis)	36y Caucasian, G5P2. Male infant, spontaneous delivery, 36th GW.	3 days (GW 10–11)	800 mg/day PO ×3 days	Betahistine, antacids, trimebutine, PPI	Radiation (unk.); no FA; healthy; non-smoker;no alcohol/drugs
2	Termination at 12 GW (fetal distress)	26y, G4P2Y2K1	1 day (7 GW)	1 g/day IV	Clarithro, NSAIDs, cold meds, analgesics, GI agents	No FA; smoker; healthy; no alcohol/drugs
3	Healthy infant	32y Caucasian, C/S at 36 GW.	Chronic use, GW8 (exact days unknown)	200 mg/day ×2–3 years	Betahistine, Escitalopram	FA use (timing unk.);smoking/alcohol/r adiation unknown.
4	Healthy infant	29y Caucasian, G2P1	1 day (5 GW)	3 × 1 g/5 ml IV	NSAIDs, antihistamines, Norethisterone, GI meds	FA use (timing unk.); smoking/alcohol/radiati on unknown.

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## **Conclusions:**

Current evidence does not establish a definitive association between piracetam and major congenital malformations.

Due to limited data and the malformation's high prevalence, the relationship remains speculative.

Despite limitations, this small case series may help clinicians counsel pregnant women inadvertently exposed to piracetam.

More robust evidence is needed to inform clinical decision-making around piracetam use in pregnancy.



For full text



## **References:**

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