

## A Descriptive Study of Methotrexate-Related Gastrointestinal Adverse Events

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**SUMMARY.** Methotrexate is widely used in the treatment of neoplasms, psoriasis, and rheumatoid arthritis but it can cause several adverse events. The gastrointestinal system is where methotrexate side effects occur most frequently. This was a retrospective, descriptive analysis that was conducted to analyze gastrointestinal adverse events of methotrexate that were reported to the Food and Drug Administration or to the World Health Organization. Methotrexate use has been linked to gastrointestinal side effects such as nausea, vomiting, diarrhea, stomach pain, stomatitis, and mouth ulcers. Methotrexate can be effective and safe when used and monitored properly, therefore it's critical to periodically check on patients and inform them of the side effects of methotrexate use and how to prevent or manage them.

**RESUMEN.** El metotrexato se usa ampliamente en el tratamiento de neoplasias, psoriasis y artritis reumatoide, pero puede causar varios eventos adversos. El sistema gastrointestinal es donde los efectos secundarios del metotrexato ocurren con mayor frecuencia. Este fue un análisis descriptivo retrospectivo que se llevó a cabo para analizar los eventos adversos gastrointestinales del metotrexato que se informaron a la Administración de Alimentos y Medicamentos o a la Organización Mundial de la Salud. El uso de metotrexato se ha relacionado con efectos secundarios gastrointestinales como náuseas, vómitos, diarrea, dolor de estómago, estomatitis y úlceras bucales. El metotrexato puede ser eficaz y seguro cuando se usa y controla adecuadamente, por lo tanto, es fundamental controlar periódicamente a los pacientes e informarles sobre los efectos secundarios del uso de metotrexato y cómo prevenirlos o controlarlos.

**KEY WORDS:** adverse events, FAERS, methotrexate, reporting, VigiBase.

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