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I'm Dr. Rami Komrokji from Moffitt Cancer Center answering the following question related to myeloproliferative neoplasms.

Why is it important to test thiamine levels on patients before administering fedratinib?

When the original studies were performed with fedratinib, there was a concern in a very small number of patients about something called Wernicke encephalopathy, where patients become encephalopathic. It had been linked mostly to thiamine deficiency. When all those reports were reviewed, only one or two cases were true Wernicke encephalopathy. That's usually related to patients who had malnutrition, had persistent nausea and vomiting, so for those it was linked to low thiamine levels. In those cases, I think it's important to check the thiamine levels and replace them.