Lymphoseek

Generic name: technetium Tc 99m tilmanocept
Dosage form: injection
Drug class: Radiologic conjugating agents

Medically reviewed by Judith Stewart, BPharm. Last updated on Jul 29, 2024.

Uses Warnings

What is Lymphoseek?

Lymphoseek injection is a radioactive diagnostic agent indicated with or without scintigraphic imaging for:

- Lymphatic mapping using a handheld gamma counter to locate lymph nodes draining a primary tumor site in adult and pediatric patients age one month and older with solid tumors for which this procedure is a component of intraoperative management.
- Guiding sentinel lymph node biopsy using a handheld gamma counter in patients with clinically node negative squamous cell carcinoma of the oral cavity, breast cancer or melanoma.

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Important Safety Information

Warnings and Precautions

- Lymphoseek may pose a risk of hypersensitivity reactions due to its chemical similarity to dextran. Serious hypersensitivity reactions have been associated with dextran and modified forms of dextran (such as iron dextran drugs). No serious hypersensitivity reactions were reported in clinical trials with Lymphoseek.
- Before administering Lymphoseek, ask patients about prior hypersensitivity reactions to drugs, especially to dextran and modified forms of dextran. Have resuscitation equipment and trained personnel immediately available at the time of Lymphoseek administration.
- Lymphoseek is a radioactive drug and should be handled by or under the control of qualified and licensed physicians with appropriate safety measures to help decrease radiation exposure.
- Any radiation-emitting product may increase the risk for cancer, especially in pediatric patients. Adhere to the dose recommendations and ensure safe handling to decrease the risk for excessive radiation exposure to either patients or health care workers.

Lymphoseek side effects

- The most common adverse reactions are injection site irritation and injection site pain (<1%).
- There were no serious adverse reactions seen in clinical trials.

Use in Specific Populations

- No data are available on Lymphoseek use in pregnant women. If considering Lymphoseek administration to a pregnant woman, inform the patient about the potential for adverse pregnancy outcomes based on the radiation dose from the drug and the gestational timing of exposure.
- No data are available regarding the presence of technetium Tc 99m tilmanocept in human milk, the effects of the drug on the breastfed child, or the effects of the drug on milk production. The benefits of breastfeeding should be considered along with the mother's clinical need for Lymphoseek and any potential adverse effects on the breastfed child. If considering Lymphoseek administration to a lactating woman, advise to pump and discard breast milk for 24 hours after injection to decrease radiation exposure to the breastfed child.
- The safety and effectiveness of Lymphoseek have been established in pediatric patients 1 month of age and older.
- In clinical studies, no differences in safety or efficacy have been identified between elderly patients (65 to 90 years of age), younger adult patients (18 to 65 years of age), and pediatric patients (1 month of age and older).

To report suspected adverse reactions, contact Cardinal Health at 1.800.618.2768 or FDA at 1.800.FDA.1088 or www.fda.gov/medwatch.

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- Reviews (1)
- Side effects
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- During pregnancy
- FDA approval history
- Drug class: radiologic conjugating agents
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- Lymphoseek prescribing information

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- Diagnosis and Investigation

Further information

Always consult your healthcare provider to ensure the information displayed on this page applies to your personal circumstances.

Medical Disclaimer

DRUG STATUS

Availability
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Pregnancy & Lactation
Risk data available

CSA Schedule*
N/A Not a controlled drug

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