

## **Summary of Research Results for GOG 0238: Radiation therapy with or without cisplatin for local recurrences of endometrial cancer: Results from an NRG Oncology/GOG prospective randomized multi-center clinical trial**

### **Introduction**

First and foremost, thank you for participating in this study. Your energy, effort, and willingness have the potential to help many people. Without assistance from individuals like you, making advances would be nearly impossible. This summary reviews the main results of the study. There may be benefits and risks to learning study results. A benefit for some people is knowing that they contributed to the research and their participation is appreciated. Another benefit is what was learned from the study may help them make decisions about their health care now or in the future.

For some people, a risk is getting results that make them feel distressed or remember a difficult time in their lives. Some people may feel upset about the study results if the study did not help their condition.

Please talk with your doctor about any questions you may have about this summary. Your doctor can help explain these results to you in relation to your medical concerns.

NRG Oncology thanks you for your participation in this research. Your participation has helped us learn more about your disease as described below.

### **Background of the study**

This study was done to compare the effectiveness of combining the chemotherapy drug cisplatin with weekly radiation therapy to the usual treatment approach of radiation therapy alone in patients whose endometrial cancer has returned in the pelvis only. The researchers also wanted to evaluate the side effects experienced by patients when combining cisplatin and radiation therapy.

### **What did the study involve?**

After enrolling in this study, 156 patients were randomized by computer to one of the two treatment arms. Group 1 received radiation from outside the body (external beam radiation) 5 days a week for 5 weeks, along with radiation placed inside the body (brachytherapy) at or near the tumor site for several days. Patients in Group 2 received the same treatment as those in Group 1, but with the addition of cisplatin given through the vein once a week for 5 weeks during



radiation therapy.

## **What were the major findings of the study?**

The study found that participants who got radiation plus chemotherapy did not live longer or stay cancer-free longer than those who got radiation alone. Both groups lived about the same amount of time after treatment, and the chance of their cancer coming back was also similar in both groups.

## **Are there any steps that may need to be taken at this time or in the future for those who participated in the study?**

For participants in this study, there are no immediate or long-term steps that need to be considered because of these findings. All participants in this study have completed their treatment and should be followed by their doctor.

## **What did the researchers learn that will be helpful to other people with this condition?**

This research found that adding chemotherapy to radiation treatment does not improve outcomes for people with endometrial cancer that has come back in the pelvis. Most patients in the study had small, low-grade tumors that returned at the top of the vagina, so these results are most helpful for people in similar situations. Radiation therapy is still the main treatment when the goal is to cure a local recurrence. Future studies will look at the unique biology of different tumors to find better treatments for each group.

## **Who can I contact for further information?**

Please talk with your doctor about any questions or concerns you may have about this summary. Further details about the design, conduct and results of this study are available at [www.clinicaltrials.gov](http://www.clinicaltrials.gov). Once you access the webpage, you can search by NRG Oncology study number.

## **List of publications with references that were generated from this study.**

1. Klopp AH, Enserro D, Powell M, Randall M, Schink JC, Mannel RS, Holman L, Bender D, Kushnir CL, Backes F, Zweizig SL, Waggoner S, Bradley KA, Lawrence LD, Hanjani P, Darus CJ, Small W Jr, Cardenes HR, Feddock JM, Miller DS. Radiation Therapy With or Without Cisplatin for Local Recurrences of Endometrial Cancer: Results From an NRG Oncology/GOG Prospective Randomized Multicenter Clinical Trial. *J Clin Oncol.* 2024 Jul 10;42(20):2425-2435. doi: 10.1200/JCO.23.01279. Epub 2024 Apr 25. PMID: 38662968; PMCID: PMC11681946.