

Positive results for combination of ribociclib and letrozole in patients with recurrent low-grade serous ovarian cancer

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The GOG Foundation, Inc. (GOG) announced positive results from an investigator-initiated phase II trial, sponsored by the GOG, investigating

the combination of ribociclib and letrozole in patients with recurrent low-grade serous ovarian cancer (LGSOC) (GOG-3026). The results were presented at The Society of Gynecologic Oncology's 2023 [Annual Meeting on Women's Cancer](#) in Tampa, Florida.

In this trial, the reported response rate was 23%, the progression-free survival 19.1 months, and the duration of response of 19.1 months. Sixty-four percent of evaluable patients experienced a reduction in target tumor size.

"These results are promising. Women with this disease have limited treatment options. The [progression-free survival](#) and duration of response are both 6 months greater than what we have observed with the current standard treatments," stated Brian Slomovitz, MD, Professor of Obstetrics/Gynecology and Division Director at Mount Sinai Medical Center in Miami Beach, Florida, and the Principal Investigator for this trial.

LGSOC is a rare subtype of ovarian cancer, which typically occurs in [younger women](#) and may arise from a non-invasive precursor disease (serous borderline tumor). Approximately 80% of women with LGSOC suffer disease recurrence following primary therapy. Traditional [treatment options](#), including chemotherapy, hormonal therapy, and biologic targeted therapies, have limited clinical efficacy and short durations of response. In particular, response rates to chemotherapy range from 0–15%. Treatment options for women with recurrent disease remains an unmet need.

"For years, we have not had a great understanding of this disease. We have learned that effective treatments are often similar to those used to treat women with hormone positive breast [cancer](#)," added David M. Gershenson, MD, professor at MD Anderson Cancer Center in Houston, Texas, and co-principal investigator.

"The GOG Foundation sponsors investigator-initiated trials with the intent of improving the outcomes for patients with gynecologic cancers. This trial is an example of achieving this focused mission. The trials that we support and sponsor are meant to help patients with gynecologic cancers to not only live longer, but with a better quality of life," said Larry Copeland, MD, professor at The Ohio State University and President of the GOG Foundation.

Dr. Slomovitz said, "The next steps will be to compare this regimen of ribociclib and letrozole versus the best current therapies in a head-to-head study. Hopefully, this work can lead to an FDA approval for this combination."

Provided by The GOG Foundation Inc

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