



## Endometriosis: The Role of Food and Supplements in Reducing the Severity of Symptoms

Anne-Marijke Gerretsen

*AdvDipNutMed, Eat Well Live Well, Australia*

### Abstract:

Endometriosis affects 1 in 9 Australian women, and 1 in 10 women around the world. The impact of the disease on the economy is estimated to be \$78 billion in the US and \$9.7 billion in Australia, due to a loss in productivity and healthcare costs.

The disease causes endometrial tissue to adhere to organs outside the uterus, most commonly the ovaries, fallopian tubes, bowel, bladder and stomach, causing a range of debilitating symptoms with pain, bloating and constipation/diarrhoea and difficulty falling pregnant the most common ones.

Endometriosis is generally treated with medication to suppress the pain (NSAIDs), hormone treatments to reduce hormone production and surgery to remove adhesions and endometriomas. For many women, these treatments don't provide the relief they are looking for.

A growing body of research is indicating that inflammation plays a key role in both the severity of endometriosis symptoms and progression of the disease.

Certain nutrients are known to help reduce systemic inflammation and in this presentation, I will discuss how diet can be used to reduce inflammation and the severity of endometriosis symptoms. In particular the role of gluten, probiotics, N-Acetylcysteine, curcumin, resveratrol and omega 3 fatty acids will be discussed.

### Biography:

Anne-Marijke is the owner and nutritionist of Eat Well Live Well, an online Nutrition Clinic specializing in Endometriosis. She helps women with Endometriosis understand the role that their current diet plays in the severity of their symptoms; develops personalized nutrition plans for them; and coaches them through the diet



changes towards a sustainable way of eating to manage symptoms.

### Publication of speakers:

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2. Chenoll, E., Moreno, I., Sánchez, M., Garcia-Grau, I., Silva, A., González-Monfort, M., Genovés, S., Vilella, F., Seco-Durban, C., Simón, C., and Ramón, D. (2019) Selection of New Probiotics for Endometrial Health. Front Cell Infect Microbiol.; 9: 114.
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5. Symons LK, Miller JE, Kay VR, Marks RM, Liblik K, Koti M, Tayade C. (2018) The Immunopathophysiology of Endometriosis. Trends Mol Med. Sep;24(9):748-762. doi: 10.1016/j.molmed.2018.07.004. Epub 2018 Jul 24. Review

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