

Lonza Acquired a new claim supporting “Food With Function Claims” in Japan for UC-II® Undenatured Type II Collagen

The new claim supports the daily knee movements of middle-aged and elderly people, such as climbing stairs, standing up, and squatting.

Sagamihara, Japan, 09 May 2022 – Lonza K.K. (Headquarter: Sagamihara City, Kanagawa Prefecture), a Japanese company of LONZA Group (Headquarter: Switzerland), which is a global development and manufacturing partner to the pharma, biotech and nutrition industries, announced today that it has obtained new Food with Function Claims (FFC) on knee movement in undenatured type II collagen contained in UC-II® undenatured type II collagen, a knee and joint support ingredient derived from chicken cartilage, on April 28th, 2022.

UC-II® undenatured type II collagen had previously obtained FFC for “the improvement of knee extension (range of motion of the knee joint)”¹. This time, Lonza has obtained FFC supporting knee movements (climbing stairs, squatting, and picking up items fallen on the floor) in the daily lives of middle-aged and elderly healthy individuals, thus enabling more appealing consumer messaging to be displayed on the label.

Taiko Ijichi, Business Development Manager of Capsule and Health Ingredients, Lonza K.K., commented:

“The new FFC of UC-II® undenatured type II collagen allows to make function claim related to the relief of knee movements in “daily life situations” that are more attractive to consumers. We expect that continued use of UC-II® collagen products will drive developments of new products that will ultimately help active seniors with daily movement.

¹(UC-II® Hard Capsule (G195) Food with Function Claims Registration G195 Improving Knee Joint Extension (Knee Joint Range of Motion):

[About the newly acquired Food with Function Claims].

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| Dossier No. | G1364 |
| Product name | UC-II hard capsules |
| Name of functional component | Undenatured type II collagen |
| Function Claim | Product contains undenatured type-II collagens. Continuous intake of undenatured type II collagen has been reported to support knee movements |

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| | (climbing stairs, squatting, picking up what is falling on the floor) in the daily lives of middle-aged and elderly healthy people. |
| Overview of Rationale Articles | Subjects aged 50 years and older were extracted and subjected to stratified analysis (Post Hoc Analysis). Post-hoc analysis included a total of 17 patients, 8 placebos and 9 patients in UC-II intake group. Placebo-or UC-II 40 mg-containing 3% undenatured type-II collagen-was consumed for 120 days to perform the Knee Injury and Osteoarthritis Outcome Score (KOOS), a self-assess evaluation on Knee Trauma and Osteoarthritis Assessment. According to the KOOS-results, UC-II group showed significant differences in improving feelings of discomfort when stepping up and down stairs, squatting, and picking up objects falling on the floor compared with the placebo-group. |

Additional Information

UC-II® undenatured type II collagen is a patented joint health ingredient that is clinically proven to reduce joint discomfort and increase flexibility and mobility. Unlike glucosamine & chondroitin or denatured collagen, UC-II® collagen works by helping to repair and rebuild cartilage via an unique mode of action called oral immune tolerance with only one small 40 mg dose per day.

Learn more here: <https://www.lonza.com/uc-ii/jp/>

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