



MTシステムによる適正レセプトの評価

—単位空間メンバーが1つの場合の評価法—

Assessment of Health Insurance Claims by Mahalanobis-Taguchi System —Evaluation and Analysis with Single Unit Space—

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Medical care starts with an examination to diagnose the disease, continues with tests, treatments, medication, and other medical procedures, and concludes with the billing and payment process. The payment process is based on an insurance claim filed by the care provider. Checking that the claim conforms with the diagnosis is not a simple matter, because each patient has a different set of conditions, and the information in the claim varies accordingly. When there is no clear standard, as with these claims, there is little point in constructing multiple standard unit spaces. A method that reduces the n standard unit spaces used for one type of claim to a single unit space and evaluating claims by the transferability S/N ratio was therefore adopted. As a result, a correspondence was observed between the patient's condition and the S/N ratio even when there was only one unit space data set, and numerical evaluation of the claims became possible.

Key words : diagnosis, receipt, gastric ulcer, type C chronic hepatitis, autoimmune hepatitis, primary biliary cirrhosis, pattern, Mahalanobis-Taguchi system, unit space, Taguchi methods, S/N ratio, quality engineering

1. はじめに

医療施設では診療後に会計が行われ、治療内容に

応じた費用の一部を患者が負担し、それ以外は健康保険として医療費の処理がなされる。その後医療機関では診療報酬明細書、いわゆるレセプトが作成され、診療報酬の審査機関に提出される。レセプトの作成は通常は専用のシステムで処理が行われ、オンラインで審査機関に提出される。

その際、診療行為に対する傷病名は自動的に付け

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