

QIP 病院における新型コロナウイルス感染症の経済的影響

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QIP 参加病院の 2 年間（2018 年 7 月～2020 年 6 月）のデータの解析結果、前年同月と比べ、医療費収入（入院＋外来）が 2020 年 4, 5, 6 月に 7%, 14%, 5% 減少した。2020 年度 4～5 月の医療費を目的変数とし、2020 年 3 月までの平均医療費、COVID-19 確定・疑い患者の在院日数を説明変数とした回帰分析の結果、全病院において平均 6.3% の医療費の減少を認めた。さらに、COVID-19 確定患者の在院日数 1 日当たり、2020 年 4～5 月の医療費 327,000 円の減少を認め、COVID-19 患者受け入れ病院の医療費減少がより大きいことが示唆された。

Economic impact of the COVID-19 pandemic on participating hospitals in QIP

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We analyzed DPC data between July 2018 and June 2020. In percentage terms, claimed hospital charges, which included both inpatients and outpatients, for April, May, and June 2020 decreased by 7%, 14%, and 5%, respectively, compared to the same months in 2019. We conducted a regression analysis including the mean monthly hospital charges of the 21-month period before the pandemic, the cumulative LOS of confirmed and suspected COVID-19 patients as predictors, and the mean monthly hospital charges of the 2-month period after the pandemic (April and May 2020) as a dependent variable. The result of the regression analysis showed that the claimed charges for hospitals with COVID-19 patients decreased by an additional 327,000 JPY per day of stay for confirmed COVID-19 patients compared to hospitals without COVID-19 patients. It is suggested that hospitals caring for COVID-19 patients were negatively incentivized.

論文 (preprint)

Jung-ho Shin, Daisuke Takada, Tetsuji Morishita, Hueiru Lin, Seiko Bun, Emi Teraoka, Takuya Okuno, Hisashi Itoshima, Hiroyuki Nagano, Kenji Kishimoto, Hiromi Segawa, Yuka Asami, Takuya Higuchi, Kenta Minato, Susumu Kunisawa, Yuichi Imanaka. Economic impact of the first wave of the COVID-19 pandemic on acute care hospitals in Japan. doi: [10.1101/2020.11.09.20228791](https://doi.org/10.1101/2020.11.09.20228791).

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