

電子カルテシステムを用いたがん化学療法の処方監査の確立

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Establishment of Checking Prescription to Cancer Chemotherapy by Electronic Clinical Record System

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Abstract

Object: For proper use of anti-cancer drugs, buildup of risk management in cancer chemotherapy.

Methods: We registered cancer chemotherapy regimens with the electronic clinical record system as a pass, and all the injection prescription of cancer chemotherapy regimens decided to perform it with this pass. Furthermore, we made a file every patient and managed a dose, a dosage schedule, an oral medicine.

Results: The number of the cancer chemotherapy regimens registered with in a hospital exceeded 700, but registered 240 of those with the electronic clinical record system. When We registered with the electronic clinical record system, about dosage schedules submitted than each medical examination and treatment department, a revision of contents added it after discussion with department of pharmacy. After electronic clinical record system, there was not the doubt inquiry such as entry mistakes of a doctor.

Conclusions: The checking of prescription was performed accurately and efficiently by decreasing human mistake after registration of regimen in the electronic clinical record system and understanding beforehand the schedule in department of pharmacy. In addition, our proposal from a pharmaceutical view point should contribute to the execution of appropriate cancer chemotherapy at the stage where regimen was registered in the electronic clinical record system. Furthermore, by managing the administering records such as the administering schedules and oral medicine, the checking of prescription was able to be performed accurately and be higher quality.

Keywords: anti-cancer drug, cancer chemotherapy, regimen, electronic clinical record system, risk management