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| 5F5-5 | 31 Mar | | 11：45-12:00 | Chi 中 |
| 姓名  (中文) | 秦萍 | | Name  (English) | Penny Chin |
| Organization / Affiliation  工作機構 | | 南方医科大学深圳医院  Shenzhen Hospital of Southern Medical University | | |
| Title of presentation  演講題目 | | 居家康复对脑卒中患者日常生活活动能力的疗效——系统评价和荟萃分析  Effect of home-based interventions on activities of daily living for patients with stroke: a systematic review and meta-analysis. | | |
| Abstract / ppt  摘要 / 幻燈 | | **Abstract**  **Objectives:** To investigate (1) the current strategies of home-based rehabilitation for stroke patients to improve the ability of activities of daily living, and (2) the effectiveness of present home-based interventions at performance of activities of daily living in stroke patients.  **Review methods:** PubMed, EMBASE, CINAHL databases were searched for studies published from January 1, 2008 to December 31, 2017. Randomized controlled trials that evaluated the effectiveness of the home-based interventions at improving ability of activities of daily living in stroke patients were assessed for inclusion. The outcome of interest was performance in activities of daily living measured by Barthel Index (BI) or Modified Barthel Index (MBI) or Functional Independence Measure (FIM).  **Results:** Totally, 14 studies were included in systematic review involving 2426 stroke patients. 13 studies with 2382 patients were included in the meta-analysis. There was no significant treatment effect of home-based therapy on performance of activities of daily living for stroke patients at treatment endpoint (SMD:0.43; 95% CI: -0.09-0.94), or within 3 months follow-up (SMD:0.21; 95% CI: -0.07-0.49), or after 3 months follow-up (SMD:0.02; 95% CI: -0.08-0.12).  **Conclusion:** Current evidence showed uncertain effect of home-based interventions on performance of activities of daily living. The clinical heterogeneity, variety of treatment strategies, the low quality and limited number of included studies limited the evidence strength. Further well-designed randomized controlled trails are needed to be performed to determine the effectiveness of a specific home-based intervention on the performance of activities of daily living.  **Keywords:** Stroke, home, home care services, home-based, home care, activities of daily living, barthel index, modified barthel index, functional independence measure. | | |