Beaumont

An Evaluation of the Effectiveness of Multidisciplinary Pain Care in Family Medicine Centers

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Chronic Pain in Primary Care

- Chronic pain is one of the most frequent presenting problems in the primary care setting.
- Prevalence rates are estimated to be between 17-20% of primary care visits.
- The impacts to the individual patient includes impaired functioning, psychological distress, risk for medication misuse and/or abuse, disengagement from valued-life activities, and reduced quality of life.
- The prevalence of high-impact chronic pain is between 10-20% of adults with chronic pain.

Pitcher et al, (2018), The Journal of Pain, 1-15 Williams, (2010), In Suls, Davidson, & Kaplan, Handbook of Health Psychology and Behavioral Medicine

Goal and Scope of Study

- Primary care physicians often report that treating chronic pain is outside their scope of practice and confidence.
- The absence of imbedded behavioral health services is a significant frustration voiced by primary care physicians.
- The present investigators studied the effectiveness of an evidence-based behavioral health intervention for chronic pain that was provided on site in two family medicine centers.
- Acceptance-commitment therapy (ACT) is an evidence-based behavioral health treatment for chronic pain.
- ACT was provided in a group format in two family medicine centers and compared to usual care for adult patients with chronic pain in a randomized control trial.

Results and Discussion

- One hundred twenty-nine patients were consented.
- The efficacy of the 6-week ACT groups was compared to the usualcare condition at baseline and after 5 months.
- Patients with chronic pain participating in the ACT group in a family medicine clinic demonstrated significant change compared to usual care in pain acceptance (e.g., willingness to engage in activities despite pain) after 5 months despite 31% of the patients in the treatment condition not attending any sessions and a sizeable number not attending all treatment sessions.
- Large patient attrition reflects the challenge of engaging patients with chronic pain in nonpharmacological interventions.
- Future research should explore ways of integrating behavioral health interventions into primary care settings in ways that maximize patient engagement.

Summary of Study and Outcomes

