

Evidence-based vocational rehab practices raise employment rates after spinal cord injury

19 September 2020

Researchers at Kessler Foundation authored a new article, "Employment after spinal cord injury," published by *Current Physical Medicine and Rehabilitation Reports* on May 24, 2020. Authored by John O'Neill, Ph.D., and Trevor Dyson-Hudson, MD, the article highlights evidence-based practices in vocational rehabilitation.

Despite the challenges, people strive to work after spinal cord [injury](#). Research shows that [employment](#) has meaning, value, and benefits for people with spinal cord injury. In addition to the evident economic benefits, people value their identity as members of the workforce, and the [social status](#) that accompanies inclusion in society.

Work is an important part of all of our lives and that should be no different for people with spinal cord injury. In fact, studies show that people who work after spinal cord injury have better quality of life and less depression, as well as [better health](#) and longevity, according to Dr. Dyson-Hudson, director of the Center for Spinal Cord Injury Research at Kessler Foundation.

"Achieving success in the workplace after spinal cord injury is more likely when individuals have access to transportation and [assistive technology](#)," he said, "and when secondary medical complications are minimized. Education clearly correlates with success," he continued, "and studies show that post injury educational attainment can be particularly beneficial for individuals with spinal cord injury."

The authors detail advances in vocational [rehabilitation](#) research that are increasing the numbers of individuals with spinal cord injury transitioning to competitive employment. Integrating employment services into spinal cord injury rehabilitation supports the feasibility of

returning to work, and focuses the efforts of the team on the individual's goal of returning to work.

Evidence-based practices that are raising post-injury employment rates include the individualized placement support (IPS) model of supported employment (SE), and vocational resource facilitation (VRF), an early intervention model, according to Dr. O'Neill, director of the Center for Employment and Disability Research at Kessler Foundation. Dr. O'Neill described the results achieved with IPS-SE in veterans with spinal cord injury: "Studies conducted in the Veterans Administration Hospital system showed employment rates of 26% with IPS-SE versus 11% with traditional [vocational rehabilitation](#) services."

Dr. O'Neill also pointed to the gains seen with the implementation of VRF for newly injured individuals in a project funded by Craig H. Neilsen Foundation. "Of the patients recruited during inpatient rehabilitation at Kessler Institute for Rehabilitation, 43% have returned to work, significantly exceeding national one-year post injury benchmarks ranging from 12% to 21%."

The authors concluded that employment outcomes after spinal cord injury can be improved by providing necessary supports, minimizing secondary medical complications, and implementing effective employment interventions.

More information: John O'Neill et al, Employment After Spinal Cord Injury, *Current Physical Medicine and Rehabilitation Reports* (2020). [DOI: 10.1007/s40141-020-00266-4](https://doi.org/10.1007/s40141-020-00266-4)

Provided by Kessler Foundation

APA citation: Evidence-based vocational rehab practices raise employment rates after spinal cord injury (2020, September 19) retrieved 27 April 2021 from <https://medicalxpress.com/news/2020-09-evidence-based-vocational-rehab-employment-spinal.html>

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