April 24, 1846, he married Mary, second daughter of John Jackson, Civil Engineer, of Seneca. Among the first medical societies organized in this part of the Province was one by Dr. McPherson and Dr. McCargow, known as the "County of Haldimand Medical Association." He was also for a year or two a member of the first medical society in Hamilton. He was appointed to the position of medical attendant of the Six Nation Indians, 1865. This position he held until failing health compelled him to resign in 1882, when his adopted son, Dr. R. J. McKinnon, received the appointment. He held the position of a magistrate of Haldimand from 1856 thtil he left the country. In 1858, the office of Assistant-Surgeon of the 3rd Battalion, Haldimand, was given to him. In 1872, the held the position of corresponding member for the Gynæcological Society of Boston. He was an active member of the Canada Medical Association, and was also one of the Medical Council of the College of Physicians and Surgeons of Ontario, 1880-85. After an active practice of forty years on the Grand River, failing health compelled him to remove to Hamilton, where for some years he has been on the consulting staff of the City Hospital.

Dr. McCargow writes: "Reverting back to my forty years of practice on the Grand River, for the first fifteen or twenty years, but more particularly for the first ten years, remittents prevailed to a large extent from about the middle of July to the middle of December of each year. Then, during the remaining months, in every house there were persons suffering fom intermittents. There were occasionally severe epidemics of dysentery, which proved very fatal to the aged and children. When the potato-rot appeared in Canada, I had many cases of scurvy. Children were the greatest sufferers from it. The woodman's axe, the foundry, threshing machines and the implements of husbandry were fruitful sources of accidents to all parts of the body, particularly to the hands and limbs, so much so that amputations were frequent."

Dr. McCargow has no children, except by adoption, one of whom, the late Dr. Ranald J. McKinnon, died at Oshweken, Brant County, on March 11, 1887. An adopted daughter is the youngest daughter of the late Colonel Wallace, of Norwich.