With one-year fight against coronavirus pandemic, we have learned that the blood clotting caused by Covid-19 is the main issue making this disease much more server than any other flu or pneumonia. Doctors have seen an alarming number of COVID-19 patients, who developed blood clots that triggered heart attack, stroke or other disasters. Autopsies found blood clots in every organ of coronavirus victims. Currently blood thinners are the only medicine used to reduce the blood clot formation in the sickest Covid-19 patients. Unfortunately, blood thinner medicines cannot disassemble the existing blood clots. Moreover, all blood thinners increase the risk of bleeding, serious, or even life threatening for these patients. In fact, many of them were not saved by these medicines. Here we propose a new magnetorheology (MR) method to treat Covid-19 patients with thrombosis: applying a strong magnetic field along the patients’ arm. When the blood clots come to the magnetic field with blood circulation, the red blood cells are polarized. Because the red cells are thin disks, the magnetic polarization is along the disk diameter direction. The magnetic dipolar interaction between the red cells breaks the surface-surface biding. The blood clots are thus disassembled, the blood oxygen function is recovered. In addition, the blood viscosity along the flow direction is reduced, turbulence in blood circulation will be suppressed, and the incidence of blood clots causing heart attack and stroke can be prevented. Our MR lab tests with blood have verified the above findings, We believe that most coronavirus patients with thrombosis can be saved by this MR technology.