

2. ACQUIRED SAVANT SYNDROME

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Introduction. If life starts approximately a billion years ago, we will have to wait 400,000 years to see the aberration of the first nerve cells. It's not possible to determine any signs of intelligence yet. It acts more as a reflex. One neuron you are alive. Two neurons you are moving. Three neurons, interesting things begin to happen. Humans today as we know are capable of doing complex things as we can imagine. It took 100 years to clarify the concept of gravity, because we weren't able to see the hidden figures within the known figures. What if I say there is a possibility to acquire this talent by a mere correction in the human brain? Simple yet challenging 'mistake' that can be for the good of the coming Z generation. Neuroscientists have tried on a variety of tests and experiments to know more about the brain. But how far did it reach? Which is why I decided to talk about something that was known but wasn't explored. Savant syndrome. It is a rare condition in which persons with various developmental disorders, including autistic disorder, have an amazing ability and talent. The condition can be congenital (genetic or inborn), or can be acquired later in childhood, or even in adults.

Aim of study. The reason for this literature is to enhance the human ability to think, restore, develop and communicate with better advancement in every field like technology, literature and social well-being. A rising skill in human society can benefit the humans, country, nations, and universe itself. We could solve the ongoing problem of cyber hacking, wars, environmental destruction or maybe even the end of the earth that is confirmed to happen within the span of 20 billion years as the sun dies. The thing is, knowledge is always about specialization and context. So even if we're equally intelligent and suppose most of us are, we're all still screwed by bankers, economists, lawyers, bankers, doctors and politicians, because we're not as literate in those fields as they are. All discrimination based on gender, race, etc will take a huge hit - it would no longer be possible to mask such bias under the guise of meritocracy. This study was carried out on the thought that if we could create changes that exhibit humongous transformations in the organic brain stature, we may be able to complete the unfinished works of the genius scholars, who left behind clues of existence, universe, biome, nano and other speculated technologies. Acquired savant syndrome and the idea of "released" compensatory abilities ("disinhibition") raise interesting questions regarding whether or not this dormant capacity might exist in each of us.

Methods and materials. This work is based on systematic literature review from 2008-2022. Online platforms like Google scholar and scientific research fields like PubMed were selected. The key words used were "acquired savant syndrome". Articles published by a single author were not considered. All the articles were reviewed according to the scientific standards.

Results. Savant syndrome is a rare condition in which persons with various developmental disorders, including autistic disorder, have an amazing ability and talent. The condition can be congenital (genetic or inborn), or can be acquired later in childhood, or even in adults. Accidental geniuses like Jason Padgett and Stephen Wiltshire weren't born savant. They became savants by an injury in the left anterior temporal lobe. This fascinating ability may be due to some organic or functional brain changes associated with trauma. From the review of various relevant articles, it was determined that the major factor of brain alteration is the increased connectivity among the neurons, may be in the form of glial cells or the neural processes themselves, which allowed better transmission of signals both electrically and with the help of neurotransmitters. It still remains as a hypothesis and should be confirmed by conducting more extensive studies, with the involvement of various scientific fields and scholars. Major conflict encountered is from the ethical point of view, on conducting humanized experiments. Discussions on tackling the issue along with action plan development confirms a successful research.

Conclusion. The acquired savant raises questions about the dormant potential for such buried skills in everyone. The challenge is to be able to tap such latent abilities without head injury or other precipitating events. We now know that people with savant syndrome are true islands of geniuses. We also know that the relation to autism or autistic traits exists, and that this should be accounted for in an overall explaining theory. The fact that acquired savants gain their remarkable skills after injury give clues to the untapped potential in all of us. Hopefully one day we could discover whether it may be possible to bring out this potential without first experiencing an injury to the central nervous system.