

Cerebral Echo Memory Implant System (CEMIS)

Dependent on the science of [cloning](#), the [Nepleslian Reds](#) adopt the practice of implanting memories to grant new individuals both proficiency in specific skill sets and a basic understanding of humanity. Initiated in [YE 39](#), the Cerebral Echo Memory Implant System (CEMIS) is the most recent iteration used by the Reds.

Description

The Cerebral Echo Memory Implant System, often abbreviated as CEMIS, consists of a neural interface device and a storage chip designed to transfer anonymized memory profiles, known as 'Echoes', into the brains of newly manufactured clones. The CEMIS not only facilitates the intricate mapping of the human brain but also supports the seamless transmission of vast data sets.

It is capable of encoding a variety of skill sets and experiences based on the requirements of the cloning specialists. It also ensures the smooth integration of the clone into society, by imbuing them with a basic understanding of human norms, culture, and interpersonal dynamics. Compared to past examples that limited the transfer of emotional memories to prevent mental instability, the generalized emotional experiences helps address some of the maturity problems of past clones.

Function and Operation

The Cerebral Echo Memory Imprint System operates in a continuous cycle of data gathering and memory imprinting. At its core, CEMIS operates by monitoring and recording the experiences of designated individuals, anonymizing and storing these experiences, and finally imprinting them onto newly created clones.

Data acquisition begins with a neural chip implanted in individuals, which records brain activity and experiences in real-time. This chip monitors learning processes, captures skill acquisition, and observes neural responses to various situations. For individuals that wish to archive their memories without having a neural implant inserted (most clones), a neural interface harness is worn while they sleep. For first time users, the system scans their brain activities and patterns over a week. Afterwards, once the "core" of the brain is understood memories begin to be copied and archived onto a chip used by the machine for storage.

The chip only stores memories and is worn like dogtags with clones at all times. The personality core of the individual and memories are transmitted and stored within the distributed network LifeCore. The database organizes and categorizes each Echo based on a unique serial number corresponding to each clone.

The memory imprinting phase begins when a new clone is activated. CEMIS selects the most suitable

Echo memory profile from the LifeCore, based on the intended role and required skill set of the clone. The CEMIS device receives and decodes the data, initiating the process of 'imprinting' the memories onto the clone's brain. Mimicking natural memory formation to reduce any potential adverse psychological effects, the process typically takes up to a day to complete.

The memories to the clone are presented as rapid, immersive experiences, similar to watching a movie or dreaming. This immersive process allows the clone to assimilate these memories into their identity seamlessly, experiencing minimum disorientation or a sense of displacement.

After the completion of the memory imprinting process, the clone awakens with a new set of memories and skills, along with a choice of who they will be if the memories of someone being replaced was used. Most choose to embrace the identity as their own. However some choose to become new individuals, killing the line of the individual.

Equipment

- CEMIS Neural Chip (and compatible neural implants)
- CEMIS Neural Harness
- CEMIS Sleep Pod
- CEMIS Software

Usage

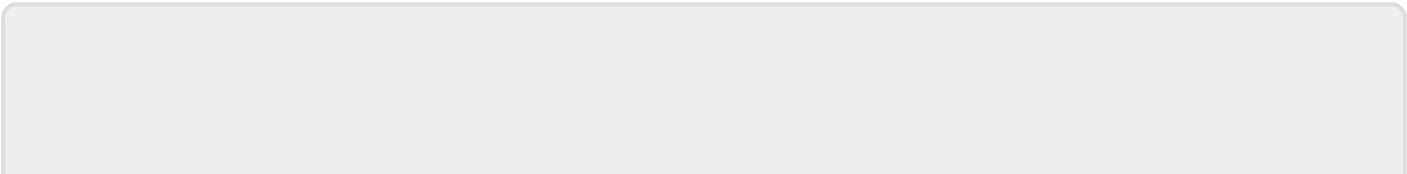
The CEMIS is primarily used by the Nepleslian Reds to implant skills and memories into their clones.

OOO Notes

Demibear created this article on 2023/08/01 01:34.

Approval Thread:
<https://stararmy.com/roleplay-forum/threads/nepleslian-reds-cloning-article.70694/#post-439391>

Products & Items Database	
Product Categories	miscellaneous
Product Name	Cerebral Echo Memory Implant System
Manufacturer	Nepleslian Research and Manufacturing
Year Released	YE 39



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