



Narrative of psychological warfare

Azim Zaeimbashi, Ph.D. Student of Neuroscience Department of Neuroscience, Mashhad University of Medical Sciences

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I. Introduction

II. Psychological warfare mechanisms

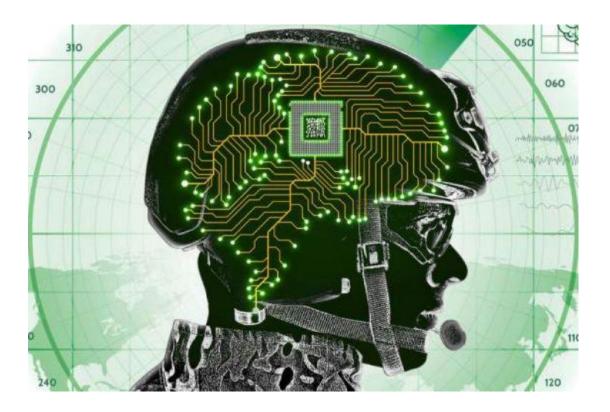
III. Narrative of historical wars

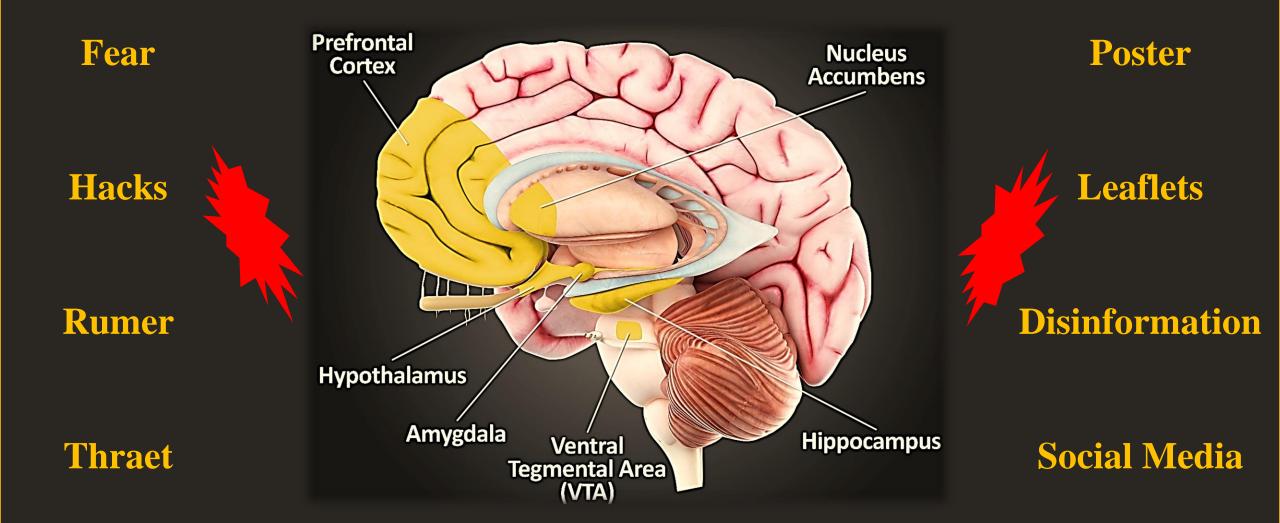
IV. Conclusion

Introduction

Psychological Warfare

- "War has not always been fought on the battlefield, sometimes it has been fought in the minds."
- ☐ Using information and narratives to influence **perceptions**, **feelings**, and **behavior**.
- ☐ The purposeful use of information, <u>rumor</u>, <u>fear</u>, <u>hope</u>, or identity to influence the thinking and behavior of groups or nations.

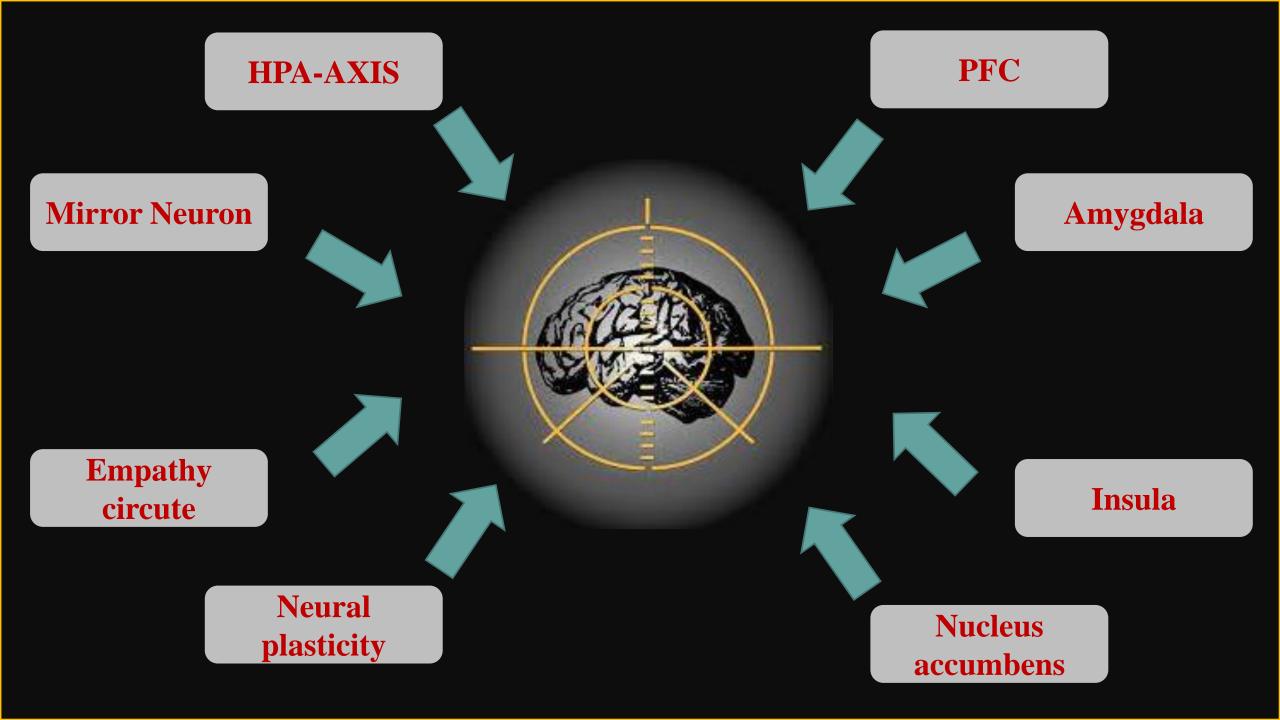




Aim of presentation

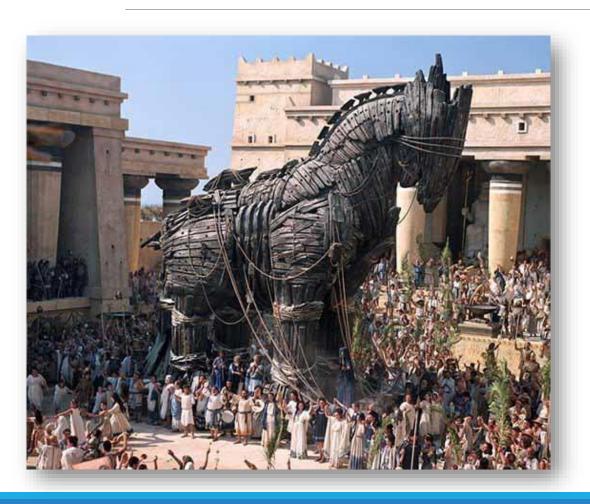


Psychological warfare mechanisms



Narrative of historical wars

Trojan Horse



Confirmation bias

Ventral Tegmentum area

DL PFC

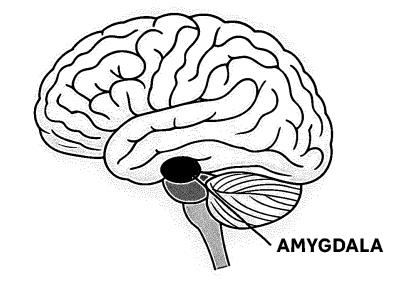
Alexander of Macedon



Rumer

Fear

Threat



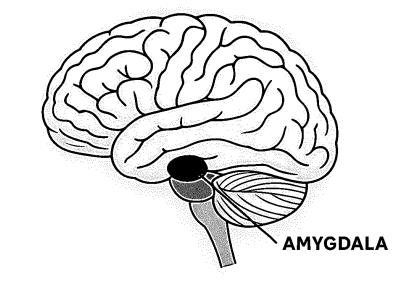
Genghis Khan



Rumer

Fear

Threat



WWI







Propaganda

Poster

leaflets

Anterior Insula

vmPFC

Occipital Cortex

Hippocampus

WWII





Nazi propaganda
Racism
Fear
Rumor
Patriotism
Radio Tokyo

VTA-Nucleus Accumbens

vmPFC

Amygdala

HPA axis

Vietnam vs. USA



Threat
Radio messages
Fear Conditioning
False death announcements of
commanders
Crying children
Wandering Soul for horror

Hippocampus

Amygdala

Insula

Sleep disorders

Cold War



Fake News
Media Propaganda
Permanent Threat of
Nuclear Bomb
Brainwashing
Fear Conditioning
MassAnxiety
Rumorss

HPA-AXIS

Amygdala

Decision Making

Low Serotonin (Caused

by Chronic Anxiety)High

Norepinephrine

(Emotional Decisions)

The Gulf War



Television
Reforms called
precision surgery
Indifference

Amygdala

Insula

Iraq and Afghanistan vs. USA



Hero-Making Enemy-Making Selected News Ventral Tegmental Area

Amygdala

ISIS



Horror

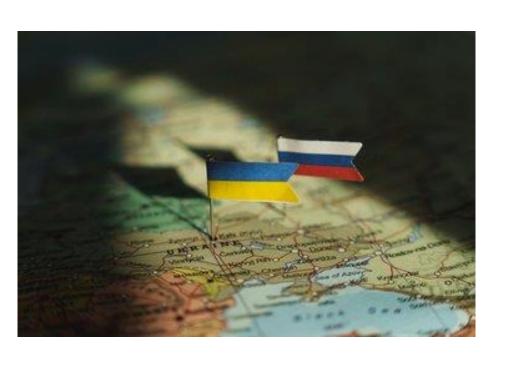
Religious Beliefs

Cyberspace Video

Amygdala

Ventral tegmental area

Russia vs. Ukraine



Artificial Intelligence

Digital Narratives

Fake News

Amygdala

Vm PFC

IRAN in the 12-day war...



Threat
Fear
Social Media
Rumor

Amygdala
HPA axis
vmPFC

Conclusion

Psychological warfare can target different parts of the brain.

Psychological warfare works with the biological mechanisms of the brain.



