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International Journal for Empirical Research in Ayurveda

A REVIEW ON THE LIMBIC SYSTEM AND MANAS VYADHI: AN AYURVEDIC PERSPECTIVE ON EMOTIONAL BALANCE

Pawar S.,¹ Pawar A.,² Naikwadi R.³

1. Associate Professor, dept of Rachana Sharir, Late B.V.Kale & M.A.M.C & H, Latur.

2. Professor, dept. of Panchakarma, Late B.V.Kale M.A.M.C and Hospital Latur.

3. Assist. Professor, Kayachikitsa, Late B.V.Kale M.A.M.C and Hospital Latur.

ABSTRACT:

In Ayurveda, Manas Vyadhi refers to mental disorders or diseases related to the mind. The ancient Indian system of medicine recognizes the intricate connection between the mind, body, and soul, and offers a holistic approach to understanding and managing mental health. The Limbic System plays a crucial role in emotions, motivation, and memory. Ayurveda recognizes the interconnectedness of physical and mental bodies. To explore the relationship between the Limbic System and Manas Vyadhi, offering insights into Ayurvedic management strategies.

KEY-WORDS: Manas vyadhi, Limbic system, Ayurved

CORRESPONDING AUTHOR:

Dr. Sumol Pawar

Associate Professor, dept of Rachana Sharir,

Late B.V.Kale & M.A.M.C & H, Latur.

Email -drsumolapawar@gmail.com Co. No.: 8793727304

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INTRODUCTION:

The Limbic System, a complex neural network, plays a crucial role in emotions, motivation, and memory. Ayurveda recognizes the interconnectedness of the physical and mental bodies, and the Limbic System's influence on Manas Vyadhi (mental disorders). This article explores the relationship between the Limbic System and Manas Vyadhi, offering insights into Ayurvedic management strategies. Ayurveda's holistic approach recognizes the interconnectedness of physical and mental bodies. Manas Vyadhi, or mental disorders, affect millions worldwide.

Limbic System structures involved in emotional processing:

1. Amygdala: processes emotions, fear, and anxiety
2. Hippocampus: forms and consolidates emotional memories
3. Hypothalamus: regulates emotional responses, appetite, and sleep
4. Cingulate Gyrus: error detection, conflict monitoring, and emotional regulation
5. Prefrontal Cortex: decision-making, impulse control, and emotional regulation

Neurotransmitters and hormones involved:

1. Serotonin: mood regulation, appetite, and sleep
2. Dopamine: reward, motivation, and pleasure
3. Norepinephrine: attention, arousal, and stress response
4. Cortisol: stress response and emotional regulation
5. Oxytocin: social bonding, attachment, and emotional regulation

Emotional Diseases associated with Limbic System dysfunction:

1. Anxiety Disorders (e.g., generalized anxiety, panic disorder)
2. Mood Disorders (e.g., depression, bipolar disorder)
3. Post-Traumatic Stress Disorder (PTSD)
4. Obsessive-Compulsive Disorder (OCD)
5. Substance Abuse and Addiction
6. Attention Deficit Hyperactivity Disorder (ADHD)
7. Autism Spectrum Disorder (ASD)

Ayurvedic perspective on Limbic System emotional diseases:

1. Imbalance of Prana Vata (life force) and Tarpaka Kapha (nourishing fluid)
2. Dysregulation of Sadhaka Pitta (emotional fire)
3. Accumulation of Ama (toxins) in the mind and body

Limbic System dysfunction:

Dysregulation of the Limbic System contributes to Manas Vyadhi, including:

1. Anxiety disorders (excessive amygdala activity)
2. Depression (imbalanced hypothalamic-pituitary-adrenal axis)
3. Mood disorders (dysregulated hippocampal-neocortical interactions)

Ayurvedic Perspective:

Manas Vyadhi: Types of Mental Disorders Ayurveda classifies mental disorders into three main categories:

Manasavikara (neurosis): This includes conditions like anxiety, grief, fear, anger, and jealousy ¹.

Nanatmaja Manasavikara: These are mental disorders caused by imbalances in the three doshas (Vata, Pitta, and Kapha),

such as depression, anxiety, and hallucinations¹.

Ubhayatmaka Manasavikara: This category includes diseases that affect both the mind and body, like psychosis, epilepsy, and hysteria

Etiology (Causes)

Ayurveda identifies the following causes of mental disorders:

1. Asatmya Indriyarthā Samyoga (incompatible sensory experiences)
2. Pragnyaaparadha (intellectual errors)
3. Dhatusamya (imbalance of bodily tissues)
4. Dosha imbalance (Vata, Pitta, Kapha)
5. Adharmaseelasya (unwholesome lifestyle)
6. Mamsa, Madya, Mithya, and Ahara (unwholesome food, sleep, and behavior)

Ayurveda views the Limbic System as part of the Manovaha Srotas (mental channel), influenced by:

1. Prana Vata (life force)
2. Tarpaka Kapha (nourishing fluid)
3. Sadhaka Pitta (emotional fire)

SYMPTOMS:

Common symptoms of mental disorders in Ayurveda:

1. Manasika Chinta (mental anxiety)
2. Bhrama (confusion)
3. Smritibuddhivibhrama (memory and intellectual disturbances)
4. Unmada (madness)
5. Apsmara (epilepsy)
6. Krodha (anger)
7. Shoka (grief)

Ayurvedic Management Strategies:

1. Balance Prana Vata through:

- Yoga and Meditation
- Pranayama (breathing exercises)
- Asana (physical postures)
- Dhyana (meditation)
- Yoga Nidra (guided relaxation)
- Mantra therapy

2. Pacify Tarpaka Kapha with:

- Dietary modifications (warm, nourishing foods)
- Herbal remedies (Ashwagandha, Brahmi)

3. Regulate Sadhaka Pitta through:

- Emotional intelligence practices
- Cooling pranayama techniques

Treatment Principles:

Ayurvedic treatment for mental disorders focuses on:

1. Shamana (pacification) of doshas
2. Shodhana (purification) of mind and body
3. Rasayana (rejuvenation) therapy
4. Yoga and meditation
5. Aahara (dietary) modifications
6. Vihara (lifestyle) modifications

Herbal Remedies:

Common Ayurvedic herbs used in mental health:

1. Brahmi (Bacopa monnieri)
2. Shankhpushpi (Convolvulus pluricaulis)
3. Ashwagandha (Withania somnifera)
4. Tulsi (Ocimum sanctum)
5. Vacha (Acorus calamus)

Methods:

1. Review of classical Ayurvedic texts (Charaka Samhita, Sushruta Samhita)
2. Review of neuroscience research on the Limbic System
3. Integration of Ayurvedic principles with neuroscience findings.

Results:**1. Dysregulation of the Limbic System contributes to Manas Vyadhi:**

- Anxiety disorders (excessive amygdala activity)
- Depression (imbalanced hypothalamic-pituitary-adrenal axis)
- Mood disorders (dysregulated hippocampal-neocortical interactions)

2. Ayurvedic management strategies:

- Balance Prana Vata through pranayama, yoga, and meditation
- Pacify Tarpaka Kapha with dietary modifications and herbal remedies
- Regulate Sadhaka Pitta through emotional intelligence practices
- Remedies,,panchakarma &chikitsa brings wellness.

DISCUSSION:

The Limbic System's intricate connection to Manas Vyadhi underscores the importance of Ayurvedic management strategies. By addressing physical, mental, and emotional aspects of health, individuals can restore balance to the

Limbic System and promote mental well-being.

CONCLUSION:

This study highlights the relationship between the Limbic System and Manas Vyadhi, emphasizing the potential of Ayurvedic management strategies in promoting emotional balance.

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