



Review Article

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UTILITY OF MURPHY AND SYNTHESIS REPERTORY IN MANAGEMENT OF PARKINSON DISEASE

***Dr. Ruchira Sharma¹, Dr. Daisy Bhardwaj², Dr. Ruchi Sharma³**

¹M.D. (Hom.), PhD, PG Guide, Associate Professor, Department of Homoeopathic Pharmacy, Swasthya Kalyan Homoeopathic Medical College & Research Centre, Sitapura, Jaipur, Rajasthan, India

²M.D. (PGR), Department of Homoeopathic Pharmacy, Swasthya Kalyan Homoeopathic Medical College & Research Centre, Sitapura, Jaipur, Rajasthan, India

³M.D. (PGR), Department of Homoeopathic Pharmacy, Swasthya Kalyan Homoeopathic Medical College & Research Centre, Sitapura, Jaipur, Rajasthan, India

*Corresponding author's Email ID: dr.ruchira01sharma@gmail.com

ABSTRACT:

Parkinson's disease is a chronic degenerative disorder of nervous system. It has slow progressive disease and it is clinically characterized by rigidity bradykinesia tremor and postural instability. These are the cardinal feature of Parkinson disease. It affects mostly elderly adult and its prevalence increases with advancing age from 1% of people at 65 year of age to 5% of people at 80 year, affecting both sex equally. This article depicts the clinical presentation along with the reportorial rubrics of Parkinson's in Murphy and Synthesis repertory which will be use full for the young physician in homoeopathic treatment.

KEYWORDS: Parkinson, Reportorial Approach, Synthetic Repertory, Murphy Repertory

INTRODUCTION:

Parkinson disease is a degenerative disorder. This is one of the most common extra pyramidal crippling disease affecting the older adults. It is a syndrome consisting of resting tremor, bradykinesia and rigidity; affecting the gait, posture and stability.¹ It affect mostly elderly adult and its prevalence increases with advancing age from 1% of people at 65 year of age to 5% of people at 80 year, affecting both sex equally.²

DEFINITION:

Parkinson's disease is a chronic progressive disease of nervous system characterized by the cardinal features of rigidity, bradykinesia, tremor and postural instability.¹

ETIOLOGY:

- A. Idiopathic Parkinson's disease
- B. Cerebrovascular disease
- C. Drug and toxins
- D. Other degenerative diseases
- E. Genetic

PATHOPHYSIOLOGY:

Deposition and mutation of alpha synuclein of induction of lewy

Body and neuromelanin deposition

Depend on different factor like age, environment, excitotoxicity genetic, disposition, iron

Mitochondrial dysfunction and inflammation

Alteration of dopamine metabolism and oxidative damage of DNA and lipid protein and loss of growth stimulate hormone

Apoptosis



Abnormal movement and symptom induce

CLINICAL FEATURES:

Non motor symptoms:

- Neuropsychiatric feature (anxiety, depression, apathy, hallucinosis/psychosis)
- Disturbancesleep
- Lack ofenergy
- Disturbance sphincter
- Constipation
- Muscular and neuralpain
- Disturbed Sexual function (erectile failure, loss of libido or hypersexuality)
- Weight loss and salivation profuse

.¹Motor symptom: Abnormalgait/posture

- Asymmetricalgait¹

CLASSIC SYNDROME:

- TREMORS:

Resting tremor may remain the predominant symptom for some years. Increase activity and decrease tremor when walking and anxious.

- RIGIDITY:

Cogwheel type mostly upper limbs: rigidity with superimposed tremor felt as tightness /stiffness of muscles, ratchet like. Plastic lead pipe type mostly legs.

- BRADYKINESIA:

Slowness of movement

¹INVESTIGATION:

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- Diagnosis is clinical.
- Imaging- Computer tomography scan, Magnetic Resonance Imaging scans.
- Functional Dopaminergic Imaging - single photon emission computer tomography or positron emission tomography (SPECT or PET)¹

MANAGEMENT:

Physiotherapy:

- Relaxation exercises
- Flexibility exercise
- Strength training
- Functional training
- Balancing training
- Locomotor training¹

REPERTORIAL APPROACH:

SYNTHESIS REPERTORY

GENERALS - PARALYSIS AGITANS ; THERAPEUTIC

- *GRADE FIRST* : CAUSTICUM, MERC., RHUS-T., ZINC.,
- *GRADE SECOND*: Agar, arg-nit. Ars, aur-s, camph-br, carb-v, cocc, con, gels, hyos., lach, mag-p, op., phos. Physo., plb., puls., tarent., zinc-pic.

GENERALS - PARALYSIS AGITANS - accompanied by - trembling ; THERAPEUTIC

- *GRADE THIRD*: lac-c.

GENERALS - PARALYSIS AGITANS - alcohol; after abuse of ; THERAPEUTIC

- *GRADE SECOND*: Hyosin-hbr.

GENERALS - PARALYSIS AGITANS - old people; in; THERAPEUTIC

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- GRADE THIRD:aven.

GENERALS - NEUROLOGICAL complaints; THERAPEUTIC

- GRADE FIRST:MAG-P
- GRADE SECOND:alum.-sil., arg-n., bry., cann-i., acust., chin., con., cur., gel., hyos., nux-v., plb., puls., teucr., verat.,

ACUTE DISEASES - Neurological disorders - Parkinson's disease - plan of action - remedies; THERAPEUTIC

- GRADE FIRST :MAMG
- GRADE THIRD: mag-p., mere., phos., plb.,rhust-t.

HEAD - MOTIONS of head - involuntary; THERAPEUTIC

- GRADE THIRD: agar., alum., cann-I., caust., bell., lyc., mere., nat.m, zinc.,

HEAD - MOTIONS of head - nodding of;THERAPEUTIC

- GRADE SECOND: mosch. Nat.-mur., sep.,veart.v.,
- GRADE THIRD: aur.-m, aur.-s., bell., cal., caust., ign., kali.-bi., lyc., ph-acid., stram.,

FACE - EXPRESSION - absent;THERAPEUTIC

- GRADE THIRD: camp., falco.-pe., graph., mang., positr.,

EXTREMITIES - MOTION - Fingers;THERAPEUTIC

- GRADE SECOND: lach., stram.,

GENERALS - TREMBLING – Externally ;THERAPEUTIC

- GRADE FIRST : AMBR., ANT-T., ARG-N., ARS., CACT., CIC., CIMIC., CROT-C., GELS., HYOS., IGN., KAL-C., MERC., MEZ., NAT-C., OP., PULS., RHUS-T., STRAM., SULPH., ZINC.
- GRADE SECOND: acon., anac., apis., apoc., arg.-met., arn., aur., bapy., bar-c., bell., bry., calc., camph., canth., carbn-s., caust., cedr., chel., chin., chinin.-ars., chinin-s., cina, cit-v., clem.,coca, cocc., cod., coff., con., crot.-h., cup., dul., ferr., craph., hell., hydrog., hyper., iod., iris, kali.-ars, kali-br., kalm., lach., lec., led., lol., lyc., lyss., med., mosch., mur-ac., nat-ars., nat-mur., nat-phos., nit-ac., nux-v., par., ph-ac., phos., phos., phyt.,

pic-ac., plb., sabad., sec., sep., sil., spig., stann., stry., sul.-ac., tab., tarent., thuja.,
verat., visc.,

GENERALS - PARALYSIS AGITANS ;THERAPEUTIC

- GRADE FIRST:CAUST., RHUS-T., MERC.,ZIC.,
- GRADE SECOND:agar., arg-n., ars., aur-s., camp-br., carb-v., cocc., con., dubo-m., gels.,hyso., hyosin-hbr., hyosin., kali-br., lach., mag-p., op., phos., phys., plb., puls., tarent.,zinc-pic.

EXTREMITIES – TREMBLING ;THERAPEUTIC

- GRADE FIRST: ARG-N., ARS-I., ARS., CAUST., CHEL., COCC., GELS., IOD., MERC., NIT- AC., NUX-V.,OP., PLB., RHUS-T.,STRAM.,
- GRADE SECOND: acon., agar., alum., ambr., anac., apis., asaf., calc., canth., carb-v., carbn-s.,chin.,chinin-s.,cic.,cimic.,con., crot-c.,hyos., ign., kalm., lach., mag-p., merce-c , mez., petr.,phos.,plat.,rhus-v.,sec., sil., spong., sulp., tab., verat.,visc.,

EXTREMITIES - TREMBLING - Upper limbs ;THERAPEUTIC

- GRADE FIRST: MERC., NIT-AC., OP.,PLB.,
- GRADE SECOND: agar.,arg-n., ars., calc-p., carbn-s., cic., cocc., cupr., hyos., phos., rhus-t.,sil., spig.,stram.,

EXTREMITIES - TREMBLING - Upper limbs – right; THERAPEUTIC

- GRADE THIRD : caust., eupi.,graph., nit- ac., sil.,sulp.

EXTREMITIES - TREMBLING - Upper limbs – left; THERAPEUTIC

- GRADE THIRD : con., hyper.,lac-c., puls., stann., sulp., vac.,

EXTREMITIES-TREMBLING-Upperlimbs-writing-after;THERAPEUTIC

- GRADE THIRD:thuj.,

EXTREMITIES - TREMBLING - Upper limbs - writing – while ;THERAPEUTIC

- GRADE FIRST:MERC.,

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- GRADE THIRD: agar., ant-c., bar-c., caust., chin., cemic., coff., colch., hep., kali.c., nat- m., nat-s., olnd., ph-ac., plb., sabad., samb., sep., sulph., thuj., valer., zinc.

EXTREMITIES - TREMBLING - Upper limbs - holding anything ;THERAPEUTIC

- GRADE THIRD: coff., led., lyc., phos., verat.,

EXTREMITIES - TREMBLING - Upper limbs - holding anything - abducted arm, with;
THERAPEUTIC

- GRADE THIRD: caust.

EXTREMITIES - TREMBLING - Arms – right ; THERAPEUTIC

- GRADE THIRD: caust

EXTREMITIES - TREMBLING – Shoulder; THERAPEUTIC

- GRADE THIRD: aesc., ang., ascf., com., dros., mang., puls., spig., sul-ac., sulp.,

EXTREMITIES - TREMBLING - Shoulder - rest, only at ;THERAPEUTIC

- GRADE THIRD: dros

EXTREMITIES - TREMBLING - Upper arm ; THERAPEUTIC

- GRADE THIRD: agar., am-c., ant-c., aran., asaf., bry., carb-n-s., fl-ac., lyc., m-arct., nit-ac., spig., stann., taarx.,

EXTREMITIES - TREMBLING – Elbow; THERAPEUTIC

- GRADE THIRD: bar-c., caust.,

EXTREMITIES - TREMBLING – Forearm ; THERAPEUTIC

- GRADE SECOND: calc-p., onos., rhus-t.,
- GRADE THIRD: agar., alum., anthraq., bar-c., carb-n-s., caust., cemic., colch., fl-ac., mere., nat-c., nicotam., nit-ac., plb., sil., spong., zing.,

EXTREMITIES - TREMBLING - Forearm – right; THERAPEUTIC

- GRADE SECOND:dulc.,nit-ac.,

EXTREMITIES - TREMBLING - Forearm - writing, while; THERAPEUTIC

- GRADE FIRST:MERC.
- GRADE SECOND:caust.,

EXTREMITIES - TREMBLING - Forearm - extending to – Hand ;THERAPEUTIC

- GRADE THIRD :nicotam

EXTREMITIES - TREMBLING - Forearm - extending to – Thumb ;THERAPEUTIC

- GRADE THIRD :agar.,

EXTREMITIES - TREMBLING – Wrist ; THERAPEUTIC

- GRADE THIRD : acon., chel., glon., chel., glon., olnd., plb.,

EXTREMITIES - TREMBLING - Wrist - emotion, from;THERAPEUTIC

- GRADE THIRD :plb.,

EXTREMITIES - TREMBLING – Hand ;THERAPEUTIC

- GRADE FIRST: AGAR., ANT-T., CALC-P., CALC., CAUST., MERC.,NAT-M., NIT-AC., NUX-V., PHOS., PLB., QUREC., STANN.,SULPH.,ZINC.,
- GRADE SECOND: acon., aml-n, anac., ant-c., apis., arg-n., ars-I., ars., bell., calc-s., carb-an.,carb-n-h., carb-n-s., chin., cic., cocc., coff., cop., crot-c., crot-h., ferr., gels., glon., hyos., ign., kali-c., kali-p., lac-c., lach., lol., mag-p., nux-m., onos., op., physt., plat., psor., puls., sil., stram.,thuja

EXTREMITIES - TREMBLING - Hand – grasping ;THERAPEUTIC

- GRADE FIRST:lyss.,

EXTREMITIES - TREMBLING - Hand - fine work, at ;THERAPEUTIC

- GRADE THIRD :sulph

EXTREMITIES - TREMBLING - Hand - holding the hand – free ;THERAPEUTIC

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- GRADE FIRST:MERC
- GRADE THIRD:cocc.,plat.,

EXTREMITIES - TREMBLING - Hand - holding objects - on holding objects ;THERAPEUTIC

- GRADE FIRST:MERC.,PLB.,
- GRADE THIRD:agar sil.,staph.,

EXTREMITIES - TREMBLING - Hand - writing – after ;THERAPEUTIC

- GRADE THIRD:thuj.,

EXTREMITIES - TREMBLING - Hand - writing – while ;THERAPEUTIC

- GRADE FIRST: CAUST., MERC., PLB.,SULPH.,
- GRADE SECOND: all.c., ant.-c., carb-ac., chin., cemic., colch., ign., kali.-c., lyss., nat-m., nat-p., ph-ac., phos., puls., sil.,zinc.,

EXTREMITIES - TREMBLING – Fingers ;THERAPEUTIC

- GRADE SECOND: glon.,merc.,

EXTREMITIES - TREMBLING - Fingers - writing, while ;THERAPEUTIC

- GRADE SECOND:cemic.,

EXTREMITIES - TREMBLING - Fingers – First ;THERAPEUTIC

- GRADE SECOND:calc.,

EXTREMITIES - TREMBLING - Fingers – Second ;THERAPEUTIC

- GRADE THIRD:stann.,

EXTREMITIES - TREMBLING – Thumb ;THERAPEUTIC

- GRADE THIRD: ambr, ohd.,plat.,

EXTREMITIES - MOTION – involuntary ;THERAPEUTIC

- GRADE FIRST:HYOS

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- *GRADE SECOND*:cocc., crot-c., cupr., hell., ign., lach., m,erc., mosch., stram.,

EXTREMITIES - EXTENDED - Upper limbs – rigidly; THERAPEUTIC

- *GRADE THIRD*:merc

7EXTREMITIES - EXTENDED - Upper limbs - take hold of something; as if he had intended to ;THERAPEUTIC

- *GRADE THIRD*:dulc.,phos.,

EXTREMITIES - EXTENDED - Upper limbs ;THERAPEUTIC

- *GRADE SECOND*: chin.,stram.,
- *GRADE THIRD*: ben-n., dig., nux-v., sep.,stry.,

EXTREMITIES - EXTENDED - Upper limbs – involuntarily ;THERAPEUTIC

- *GRADE THIRD*:petr.,

EXTREMITIES - EXTENDED - Upper limbs - paroxysms; during ;THERAPEUTIC

- *GRADE FIRST*:CINA.,
- *GRADE SECOND*:cic.,

EXTREMITIES - SWELLING - Upper limbs - rigidity, with ;THERAPEUTIC

- *GRADE THIRD*:sulp.,

GENERALS - TREMBLING - Externally - something is to be done, when ;THERAPEUTIC

- *GRADE FIRST*:KALI-BR.,
- *GRADE SECOND*: cocc.,sec.,⁵

MURPHY REPERTORY

Wrists – TREMBLING ;THERAPEUTIC

- *GRADE SECOND*:plb.,
- *GRADE THIRD*: acon.,chel., glon., olnd

Arms – TREMBLING;THERAPEUTIC

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- GRADE FIRST: MERC., NIT-AC., OP., PLB.,
- GRADE SECOND: agar., arg-n., calc-p., carb-n-s., cic., cocc., cupr., hyos., phos., rhus-t., sil., spig., stram.,

Arms - TREMBLING - writing, while ;THERAPEUTIC

- GRADE FIRST: MERC.,

Arms - TREMBLING - trembling, forearms ;THERAPEUTIC

- GRADE SECOND: calc-p.,
- GRADE THIRD : agar., carb-n-s., caust., cimic., colch., fl-ac, merc., plb., spong., zing.,

Arms - TREMBLING - trembling, upper arms;THERAPEUTIC

- GRADE THIRD : agar., ant-c., aran., asaf., carb-n-s., fl-ac., nit-ac.,

Hands - TREMBLING, hands;THERAPEUTIC

- GRADE FIRST: AGAR., ANT-T., CALC-P., CALC., CAUST., MERC., NAT-M., NIT-AC., NUX-V., PHOS., PLB., STANN., SUPHL., ZINC.,
- GRADE SECOND: acon., aml-ns., anac., ant-c., apis., arg-n., ars-i., ars., bell., calc-s., carb-n-an., carb-h., carb-n-s., chin., cic., cocc., coff., cop., crot-c., crot-h., ferr., gels., glon., hyos., ign., iod., kali-c., kali-p., lac-c., lach., mag-p., nux-m., onos., op., phyt., plat., psor., puls., sil., stram., thuj.,

Legs – TREMBLING ;THERAPEUTIC

- GRADE FIRST: ARG-N., LACH., NIT-AC., NUX-V., OP.,
- GRADE SECOND: agar., ambr., arg-met., ars., cal., caust., cic., cimic., con., crot-h., glon., lath., led., med., merc., nat-m., phyt., plb., puls., verat.,

Arms - EXTENDED, arms – rigidly ;THERAPEUTIC

- GRADE THIRD: merc

Muscles–RIGID;THERAPEUTIC

- GRADE SECOND: acon., cocc., hell., lyc.,
- GRADE THIRD: apis., arg-n., arn., ars., caust., coff., kali-c., kali-p.,

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Nerves - PARKINSON'S disease ;THERAPEUTIC

- GRADE FIRST:MERC., RHUS-T,ZINC.,
- GRADE SECOND:agar., arg-n., aur-c., camp-br., con., dubo-m., gels., helo., hyos., hyosin., kali-br., lol., mag-p., phos., phys., plb., puls., tarent., thuj.,zinc-pic.,

Nerves - PARKINSON'S disease - right side ;THERAPEUTIC

- GRADE SECOND: phos.,thuj.,

Muscles - FLABBY, muscles - parkinson's disease, in ;THERAPEUTIC

- GRADE THIRD:rhus-t

Pulse - SMALL, pulse - parkinson's disease, in ;THERAPEUTIC

- GRADE THIRD:rhus-t

Nerves - PARALYSIS, general - paraplegia - rigidity of muscles, with ;THERAPEUTIC

- GRADE THIRD:chel

Muscles - TONE, loss of muscle - with dread of movement ;THERAPEUTIC

- GRADE SECOND:ferr

Nerves - PARALYSIS, general - tremors, after; THERAPEUTIC

- GRADE THIRD:plb

Limbs - MOTION, of limbs – constant; THERAPEUTIC

- GRADE SECOND: ars.,bell

Limbs - MOTION, of limbs – involuntary; THERAPEUTIC

- GRADE SECOND: crot-c., cupr., hell., merc.,stram.,
- GRADE THIRD:agar., alum., bell., calc., nat-m., op.,phos.,

Limbs - MOTION, of limbs - involuntary - one arm and leg ; THERAPEUTIC

- GRADE SECOND:apoc., cocc.,hell.,

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Limbs - MOTION, of limbs - involuntary - one side ;THERAPEUTIC

- GRADE SECOND:alum.,
- GRADE THIRD:calc.,

Limbs - MOTION, of limbs - involuntary - thinking of movements; THERAPEUTIC

- GRADE THIRD:aur

Limbs - MOTION, of limbs - irregular - loss of power of; THERAPEUTIC

- GRADE SECOND: apis, bell, stram,tarent.,
- GRADE THIRD: ars., canth., cocc., hydr-ac., lath., lyc., naja., oenna., op., sars., sec.,stry.,

Limbs - MOTION, of limbs - irregular, loss of power of, morning, on waking;THERAPEUTIC

- GRADE THIRD: sil.,zinc⁶

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REFERENCE:

1. Ralston S, Penman I, Britton R, Strachan M, Hobson R, Davidson S. Davidson's principles and practice of medicine. 22nd ed. London: Elsevier Saunders;2014.
2. Goldman SM, Tanner C. Etiology of Parkinson's's disease. In: Jankovic J, Tolosa E, editors. Parkinson's's disease and movement disorders, 3rd ed. Baltimore, MD: Lippincott-Williams and Wilkins; 1998. p.133-58.
3. Schroyens F. Synthesis Repertorium Homoeopathicum Syntheticum (9.1st Ed). New Delhi: B. Jain Publisher Private Ltd2008.
4. Murphy Robin. Homoeopathic clinical Repertory. 2nd ed. New Delhi: B. JainPublisher (p) Ltd 2003.