



Provincial Department of Indigenous Medicine, Northern Province

MANAGEMENT OF

POST COVID COMPLICATIONS

BASED ON SIDDHA SYSTEM OF MEDICINE

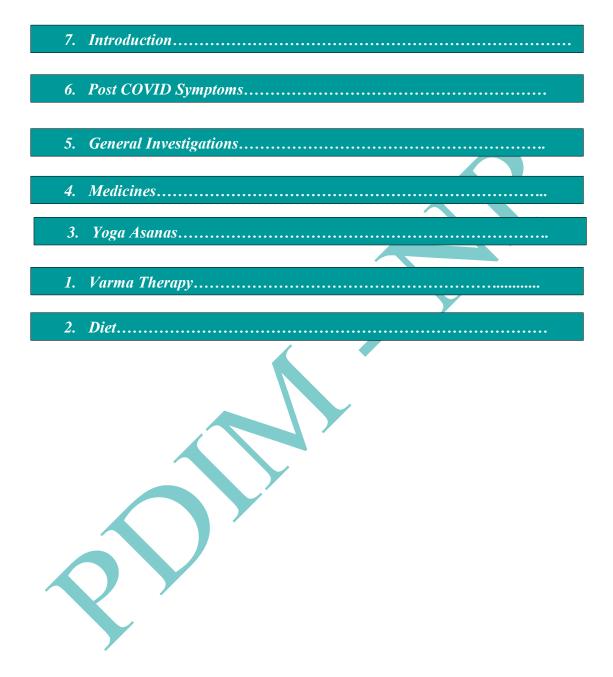




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INTRODUCTION

Post novel Corona virus infections are declining but the post COVID - 19 complications have become a major cause of worry across the globe. COVID - 19 can result in prolonged illness (at least 45 days or more) and persistent symptoms even in young adults. After acute COVID - 19 illness recovered patients may continue to report a wide variety of signs and symptoms.

Post COVID – 19 complications seem to be associated with the cardio pulmonary symptoms, other symptoms include fatigue, headache, body pains, dyspnea, anxiety or depression, poly neuropathy, tinnitus, ect....

During management process it is necessary to take adequate rest to store the energy lost during the fight against the disease. It will help in reducing weakness and fatigue. A healthy diet helps in accelerating recovery. Drink adequate water to stay hydrated. Undergoing pulmonary and cognitive rehabilitation also helps the patients in recovering from post COVID – 19 complications. The patients learn breathing technique, exercise and depression and anxiety management during rehabilitation.

According to Siddha concepts there will be loosening of body strength (Dathu shayam) and impaired digestive power (Akni Manthayam) in past COVID - 19 infection. (It is necessary to increase body strength like Rasayana Medicines)

Neerkuri, Neikuri and Manikadainool are special diagnostic methods in Siddha system of medicine)

This protocol includes

- 1. Various herbs and herbomineral drugs play a vital role in past COVID 19 and herbomineral drugs require in minimal dosage, accounting to the quicker action of drugs and easy for administration.
- 2. Diet has a very important role in the management of post COVID 19 complication
- 3. Daily practice of Yogam such as Naadisuththi, Pranayamam, Savasanam ect. which helps to increase elasticity of bronchioles as well as rejuvenate the lung tissues.
- 4.
- 5. Varmam therapy for immune enhancing and minimizing the symptoms of post *COVID* 19 complications

This protocol is in addition to the guideline for COVID – 19 for Siddha practitioners by the Department of Indigenous Medicine, Northern Province.



POST COVID SYMPTOMS

General symptoms

- Fatigue (சோர்வு)
- Fever (சுரம்)
- General body pain (உடல் ഖலி)
- Feeling of weight loss (உடல் நிறை இழக்கப்படும் உணர்வு)
- Head ache (தலைவலி)

Respiratory symptoms

- Breathlessness (மூச்சுக்கஸ்டம்)
- Cough (இருமல்)

Cardiac symptoms

- Chest pain (Брஞ்சு நோ)
- Chest tightness (நெஞ்சு இறுக்கம்)
- Palpitation (நெஞ்சுப்படபடப்பு)

Muscular skeletal symptoms

- Joint pain (ආட்டு வலி)
- Muscular pain (தசை நோ)

Neurological symptoms

- Cognitive impairment
- Head ache (தலைவலி)
- Sleep disturbances (நித்திரைக்குழப்பம்)
- Peripheral neuropathy

Gastro Intestinal symptoms

• Abdominal pain (ഖധിന്റ്റ്വ ഖരി)





- Loss of appetite (பசியின்மை)
- Nausea and vomiting (ஓங்காளம் சத்தி)
- Diarrhoea or (வயிற்றுப் போக்கு)
- Constipation (மலக்கட்டு)

Dermatological symptoms

- General itching of body (உடல் அரிப்பு)
- Rashes
- Muco micosis

Genito urinary symptoms

- Burning micturition (மூத்திர எரிவு)
- Oliguria (மூத்திர குறைவு)
- Menstrual disturbances (

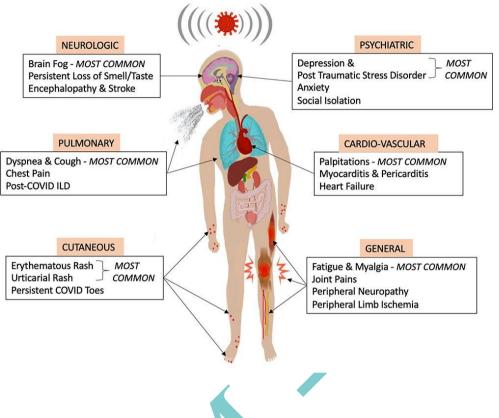
Ear, Nose, Throat

- Tinnitus (காதிரைச்சல்)
- Loss of smell (மணமின்மை)
- Loss of taste (சுவையின்மை)
- Sore throat (தொண்டைக்கட்டு)

Psychological

- Depression (மன அழுத்தம்)
- Anxiety (மனப் பதகளிப்பு)

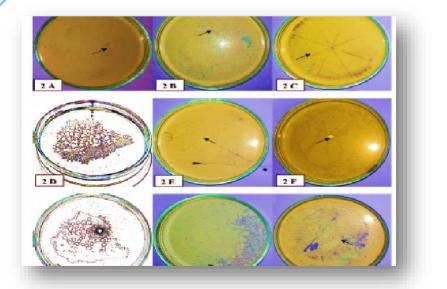




Long-COVID-19 : Common Manifestations

General investigations

- NEERKURI
- NEIKURI
- MANIKADAI NOOL
- FBC/CBC
- CRP
- ESR
- S.Cr with eGFR
- UFR







Fatigue

Medicine	Dose	Time	Vehicle	
Anna kudineer	30-60 ml	bd/ac		Currently use
Seenthil chooraam	1-2 g	bd-pc	Honey or	
			Warm water	
Thiripala chooranam	1-2 g	bd-pc	Honey or	Currently use
			Warm water	
Urai maathirai	1 pill		Breast milk	Currently use
Nelli lehyam	4-6 g	bd/pc	milk	Currently use
Amukkara lehyam	4-6 g	bd/pc	milk	Currently use
Tettan koddai lehyam	4-6 g	bd/pc	milk	
Korai kizhangu	1-2 g	bd-pc	Honey	
katpam				
Thoothuvalai katpam	1-2 g	bd- pc	Honey	
Karisaly katpam	1-2 g	bd- pc	Honey	
Kovakkai vattal				
Nelli vattal				
Mathulai manapaagu	10-15-ml	bd-pc		
Kathaly lehiyam (to	4-6 g	bd/pc	milk	
increase body weight)				
Ennei Muzhukku	Head			
	bath			



Fever

Medicine	Dose	Time	Vehicle	
Sarvasurakudineer	30-60 ml	bd/ac		Currently use
Nilavembu kudineer	30-60 ml	bd/ac		Currently use
Sinnasivapu maathirai	2 pills	bd- pc	Ginger juice	Currently use
Baalasancheevi maathirai	2-4 pills	bd- pc	Ginger juice	Currently use
Thaalisaathi chooranam	1-2 g	bd-pc	Honey	Currently use
Malli chooranam	1-2 g	bd-pc	Honey	Currently use

Pain [General body pain]

Medicine	Dose	Time	Vehicle	
Araththi kudineer	30-60 ml	bd/ac		Currently use
Karaampu chooranam	1-2 g	bd-pc	Honey	Currently use
Amukkara chooranam	1-2 g	bd-pc	Honey/ milk	Currently use
Thaalisaathi chooranam	1-2 g	bd-pc	Honey	Currently use
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Vellaivenkaaya kuligai	2 pills	bd- pc	Warm water	Currently use
Palavaju kuligai	2 pills	bd-pc	Warm water	Currently use
Amukkara lehyam	4-6 g	bd/pc	milk	Currently use
Karpooraathi thailam	External			Currently use
Tripala chooranam	1-2 g	bd-pc	Honey or	Currently use
			warm water	
Sittaraththai chooranam	1-2 g	bd-pc	Honey	Currently use
Pavala patpam			milk	
Ven poosani lehya	4-6 g	bd/pc	milk	
Tripala oil	External			Currently use
Sittamuddi oil	External			Currently use



Head ache

Neerkovai pill	Rub with Lemon	Currently use
	juice and apply	
	forehead	
Sukkh thaila	apply forehead	Currently use
paste		

Cough [Dry cough]

Medicine	Dose	Time 🦯	Vehicle	-
Thalisathi chooranam	1-2 g	bd-pc	Honey	Currently use
Musumusukkai	1-2 g	bd-pc	Honey	
chooranam				
Thoothuvalai	1-2 g	bd-pc	Honey	
chooranam				
Trikaduka chooranam	1-2 g	bd-pc	Honey	Currently use
Balasanjeevi maathirai	2 pills	bd- pc	Honey	Currently use
Swasa kudari mathirai	2 pills	bd- pc	Honey	Currently use
Adathodi kandangathari	4-6 g	bd/pc	milk	Currently use
lehya	Í Í			
Irumal sanjeevi maathirai	2 pills	bd- pc	Honey	Currently use
Vasantha kusumarakam	2 pills	bd- pc	Honey	
maathirai				
Vaasaka syrup	10-15 ml	bd- pc		Currently use
Sivanar amirtham	50 mg	bd- pc	Honey	
Pavala parpam	100mg		honey	
Thalisathi vadakam				
Trippala rasyanam				
Nellikay lehyam				Currently use



Breathe lessness

Medicine	Dose	Time	Vehicle	
Adathodi kudineer	30-60 ml	bd/ac		Currently use
Swasa kudineer	2 pills	bd-pc	Honey	Currently use
maathirai				
Thippili rasaganam	2-4g	bd-pc		Currently use
Kasthoori karuppu	50-100 mg	bd-pc	Honey	
Adathodi kandang	2-5g	bd-pc		Currently use
kattari lehiyam				
Anna pavala	100mg-200mg	bd-pc	Honey	
chenthooram				
Muththu sippi paarpam	100mg-200mg	bd-pc	milk	
Palakari parpam	100mg-200mg	bd-pc	milk	

Cardio vascular

				T
Medicine	Dose	Time	Vehicle	
Maruththam paddai	30-60 ml	bd/ac		Currently use
kudineer				
Asai chooranam	1-2 g	bd-pc	Warm	Currently use
			water	
Ven thameraiyathi	1-2 g	bd-pc	Warm	Currently use
chooranam			water	
Vellaivenkaga kulika	2 pills	bd-pc	Warm	Currently use
*			water	
Sinna sivappu maathirai	2 pills	bd-pc	Ginger juice	Currently use
Srungi parpam	100mg-	bd-pc	Honey	
	200mg			



Neurological

Sleep disturbance

Medicine	Dose	Time	Vehicle	
Malli chooranam	2g	bd-pc	Warm water	Currently use
Kasa kasa	30-60ml	bd-ac		Currently use
kudineer				
Nasiyam				
Tripala oil				Currently use
Thulasi oil				
External				
application				
Tripala oil	External			Currently use
Thila thailam	External			Currently use
Arakku thailam	External			
Amukkara thailam	External			
Varma theraphy				
Pranayamam				

NEUROLOGIST PAIN

Medicine	Dose	Time	Vehicle	
Kirampu chooranam	2g	bd-pc	Honey	Currently use
Vallari chooranam	2g	bd-pc	Ghee	Currently use
Amukkara chooranam	2g	bd-pc	Honey	Currently use
Vallarai nei	3-5 ml	bd-pc		
Nannari manapaagu	5-10 ml	bd-ac		
Aarumuga chenthooram	100 mg	bd- pc	Honey	
Apraga paspam	100 mg	bd- pc	Milk	





External application			
Arukam kaddai	External		Currently use
thailam			
Sivappu kukkil thailam	External		Currently use
Iyankamuor thailam	External		Currently use

Musculo skeletal pain

Medicine	Dose	Time	Vehicle	
Paranki paddai kudineer	30-60 ml	bd- ac		Currently use
Mudakku chooranam	1-2 g	bd- pc	Warm water	Currently use
Aarumuga chenthooram	100 mg	bd- pc	Milk/ honey	
Kukkil paspam	100-300 mg	bd-pc	milk	
Vaatakesary thailam	External			Currently use
Ulunthu thailam	External			Currently use
Karpoorathy thailam	External			Currently use

Genital system

		-		
Medicine	Dose	Time	Vehicle	
Asokam paddai kudineer	30-60 ml	bd- ac		
Orithal thamarai chooranam	1-2 g	bd- pc	Warm water	
Sathikkey chooranam	1-2 g	bd-pc	Warm water	Currently use
Venpoosani lehyam	2-5 g	bd-pc		
Poonkavi chenthuram	100mg- 200mg	bd-pc	Ghee	Currently use
Padikalinga thuvar	100mg- 200mg	bd-pc		Currently use
Thalisathy chooranam ii	1-2 g	bd-pc	Ghee	Currently use



Psychological symptoms

Medicine	Dose	Time	Vehicle	
Samsakara sanjeeva	1-2 g	bd- pc		
chooranam				
Jadamanjil chooranam	1-2 g	bd- pc		
Amukkara chooranam	1-2 g	bd- pc	ghee	Currently use
Vallarai nei	5 ml	bd- pc		
Triphala oil	External			Currently use
Thila oil	External			Currently use

Dermatological symptoms

Medicine	Dose	Time	Vehicle	
Paranke paddai kudineer	30-60 ml	bd- ac		Currently use
Arukam kaddai kudineer	30-60 ml	bd- ac		Currently use
Elathy chooranam	1-2 g	bd- pc	Honey/ milk	Currently use
Nilapaakal chooranam	1-2 g	bd- pc	Honey/ milk	Currently use
Nanju murivu chooranam	1-2 g	bd- pc	Honey/ milk	
Pancha katpa kuliyal	1-2 g	bd- pc	For bathe	
chooranam				
Kanthaka rasayanam	500mg-1g	bd- pc		Currently use
Rasaganthy mezhuku	500mg	bd- pc	Palm	
			Jaggary or Banana	
Pachchai ennai	External			Currently use
Karappan thailam	External			Currently use
Sirangu thailam	External			Currently use
Karpoorathi thailam	External			Currently use
Vetpalai Thailam	External			



Hair loss

1-2 g 1-2 g	bd- pc bd- pc	Ghee	
1-2 g	hd-nc		
	ou-pe	Warm water	Currently use
4-6 g	bd- pc	Milk	Currently use
50-100mg	bd-pc	milk	
External			
External			
External			Currently use
Nasiyam			
		/	
	External External External	External External External	External External External

Gastro intestinal

Medicine	Dose	Time	Vehicle			
Addha chooranam	1-2 g	bd- pc	Warm water	Currently use		
Chundaivattal chooranam	1-2 g	bd-pc	Warm water	Currently use		
Pancha theepakini chooranam	1-2 g	bd- pc	Warm water	Currently use		
Thajir chundi chooranam	<i>I-2 g</i>	bd-pc	Warm water			
Athimadura chooranam	1-2 g	bd-pc	Warm water	Currently use		
Inji lehayam	2-5 g	bd- pc	Milk			
Nannari manapaagu	10-15 ml	bd-pc				
Pittha samana lehyam	2-5 g	bd-pc	Milk	Currently use		
Vellai venkaaya kulikai	2 pills	bd-pc	Warm water	Currently use		
Sangu parpam	200-500	bd-pc				
	mg					



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Tinitus

Medicine	Dose	Time	Vehicle	
Amukkura chooranam	1-2 g	bd- pc	Warm water	Currently use
Elathy chooranam	1-2 g	bd- pc	Warm water	Currently use
Vallarai chooranam	1-2 g	bd- pc	Warm water	Currently use
Malli chooranam	1-2 g	bd- pc	Warm water	Currently use
Trippala chooranam	1-2 g	bd- pc	Warm water	Currently use
Sitaraththai chooranam	1-2 g	bd- pc	Warm water	Currently use
Nochchi thailam	External			Currently use
Nasi roganasa thailam	External			Currently use
Tripala chooranam	Nasiyam		Warm water	Currently use
Sukku thailam	Nasiyam			Currently use

Sore throught

Medicine	Dose	Time	Vehicle	
Thalisathi vadakam	1-2	bd-ac		Currently use
Adathodai	10-15 ml	bd-ac		Currently use
manapaagu				

Loss of smell

Medicine	Dose	Time	Vehicle	
Oma pottanam				
Sukku thailam	Nasiyam			

Loss of taste

Medicine	Dose	Time	Vehicle	
Moolikai	5-10 ml			
teener				
Thriphala	Mouth			
kashayam	Gargling			
Padikara	Mouth			
panneer	Gargling			



Co morbidities and special categories

Medicine	Dose	Time	Vehicle	
Diabetes mellitus				
Avarai kudineer	30-60 ml	bd- ac		Currently use
Pancha theepakkini chooranam	1-2 g	bd- pc	Warm water	Currently use
Mathumeka chooranam	1-2 g	bd- pc	Warm water	Currently use
Neerilivu chooranam	1-2 g	bd- pc	Warm water	Currently use
Triphala chooranam	1-2 g	bd- pc	Warm water	Currently use
Naga parpam				
Hyper tension				
Ven thamarai chooranam	1-2 g	bd- pc	Warm water	Currently use
Asai chooranam	1-2 g	bd- pc	Warm water	Currently use
Neermulli chooranam	1-2 g	bd- pc	Warm water	
Pregnant woman				
Mathulai manapaagu	5-10 ml	bd-pc		Currently use
Koththamalli	20-40 ml	bd- pc		
+Seerakam kudineer				
Children				
Urai maathirai	1-2 pills	bd- pc	Honey	Currently use
Athimathura	2-4 g	bd- pc	Ware water	Currently use
chooranam				
Nelikai lehyam	4-6 g	bd- pc	Milk	Currently use
Balasanjeevi maathirai	1-2 pills	bd- pc	Honey	Currently use
Mathulai lehiyam	1-2 g	bd- pc		
Omatheeneer	2-5 ml	bd- ac		



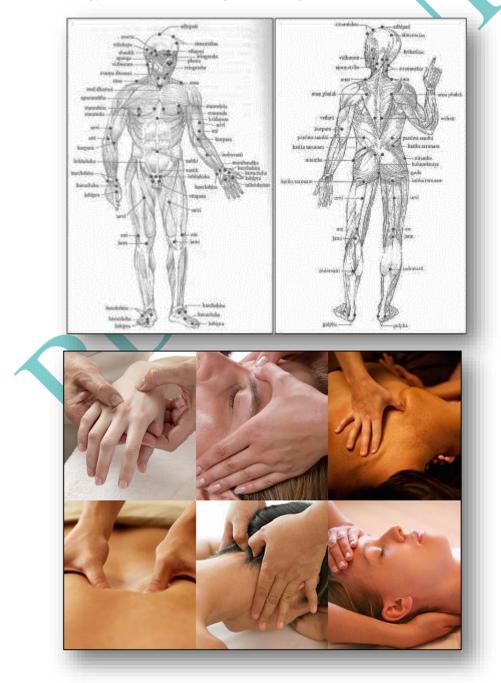
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VARMA THERAPHY

Traditional Siddha medical system varmam and yogam are having a common root of origin from Lord if Siva and share common basic principles.

The places in the body where the body subtle Varmam energy is found are referred to as Varmam points or Varmam locations.

These varmam points are located at naadees, nerves, blood vessels, junction of bone and tissues and spread throughout the body. Human body has twelve energy channels with 108 energy enriched (Varma) points along the channels.





DIET

PATHTHIYAM

Light diet

• Kanji/ porridge



• Kool





• Fruit juices



• Leafy vegetables

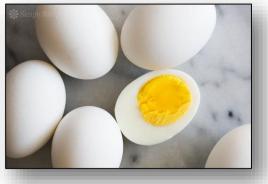


• Chicken soup





• Egg and small fishes





• Palm jaggary







• Black gram





Yoga Aasanas

• Savasanam



• Pranaayamam / Breathing exercise





APATHTHIYAM

- Ice cream
- Cool drinks
- Alcohol
- Smoking
- Hard foods
- Hard exercises

REFERENCES

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