

Datta Meghe Institute of Medical Sciences (DU)
Mahatma Gandhi Ayurveda College Hospital and Research Centre, Salod (H),
Wardha
Department of Panchakarma

Course Outcomes & Program outcomes for course

I] PO on topic Introduction of Panchakarma

CO-1: Define the term panchakarma&describe the utility of Panchakarma according to seasons with its scope and relevance in present era.

CO-2: Enlist of Panchakarma and describe the importance of Panchakarma in detail.

CO-3:Enlist Benefits of Panchakarma and Describe the total duration required for panchakarma therapy)

CO-4: Enumerates Indications & Contraindications of Panchakarma.

CO-5:Describe the importance of examination of Agni and kostha in panchakarma.

CO-6: Enlist necessary equipments of all Panchakarma procedure and describe various Sanitation and sterilization techniques of Panchakarma

CO-7: Enlist specific panchakarmatherapy according to Doshas&describe Panchakarma therapy in various stages in snake poisoning.

CO-8:Enlistvarious PariharyaVishayaduring Panchakarma

CO-9:Enlist of Three fold karma and describe them.

CO-10:Describe the importance of poorvakarmaand Paschat karma of panchakarma.

CO-11:Define of Rukshana. and describe indications of Rukshana.

S.N	CO ↓	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communi- cator	PO4 Lifelong learner	PO5 Professiona- l	PO6 Critica- l Thinke- r	PO7 Researche- r
CO-1	Define the term panchakarma	3	2	1	3	3	2	2
	Describe the utility of Panchakarma according to seasons with its scope and relevance in present era.	3	1	1	3	3	3	3
CO-2	Describe the importance of Panchakarma in detail.	3	2	2	3	3	3	3
CO-3	Enlist Benefits of Panchakarma	3	2	2	3	3	3	3
	Describe the total duration required for panchakarma therapy)	3	3	1	3	3	2	2
CO-4	Enumerates Indications & Contraindications of Panchakarma	3	2	0	3	3	3	3
CO-5	Describe the importance of examination of Agni and kostha in panchkarma.	3	1	0	3	3	3	3
CO-6	Enlist necessary equipments of all Panchakarma procedure.	3	3	0	3	3	2	3
	Describe various Sanitation and sterilization techniques of Panchakarma	3	3	0	3	3	3	3
CO-	Enlist specific	3	1	0	3		3	3

7	panchakarma therapy according to Doshas .							
	Describe Panchakarma therapy in various stages in snake poisoning	3	1	0	3	3	3	3
CO-8	Enlist various PariharyaVishaya during Panchakarma	3	3	1	3	3	2	3
CO-9	Enlist of Three fold karma and describe them.	3	3	0	3	3	1	3
CO-10	Describe the importance of poorvakarmaand Paschat karma of panchakarma.	3	2	0	3	3	2	3
CO-11	Define Rukshana.	3	1	0	3	3	1	2
	Describe indications of Rukshana.	3	1	0	3	3	1	2

PO on topic Snehana

CO-1: Define snehana and describe its importance and utility.

CO-2: Define agni and koshta and describe importance of agni and kosthapariksha in snehapana.

CO-3: Enlist indications and contraindication of snehana.

CO-4; Define snehan and describe snehavidhi in detail

CO-5; Describe samyak ,ayoga and atiyogalakshana of sneha

CO-6; Describe mode of action of snehana according to Ayurveda

CO-7; Describe BahirparimarjanaChikitsa

CO-8; Describe mode of action of sneha according to modern

CO-9; Describe the digestion and metabolism of fat

CO-10; Describe in detaiabout modern view of massage techniques

S.N	CO ↓	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communi- cator	PO4 Lifelong learner	PO5 Professiona- l	PO6 Critical Thinker	PO7 Researcher
CO-1	Define snehana and describe its importance and utility.	3	3	2	2	3	3	2
CO-2	Define agni and kostha and describe importance of agni and koshtapariksha in snehapana.	3	3	1	1	2	3	2
CO-3	Enlist indications and contraindication of snehana.	3	3	3	1	3	3	3
CO-4	Define snehan and describe snehavidhi in detail	3	2	2	0	3	1	3
CO-5	Describe samyak , ayoga and atiyogalakshana of sneha	3	2	1	0	2	2	2
CO-6	Describe mode of action of snehana according to Ayurveda	3	2	1	2	2	3	3
CO-7	Describe BahirparimarjanaChikitsa	3	2	2	2	2	3	3
CO-8	Describe mode of action of sneha according to modern	3	2	2	2	3	1	3

CO-9	Describe the digestion and metabolism of fat	3	2	1	1	1	1	3
CO-10	Describe in detail about modern view of massage techniques	2	2	1	1	1	1	1

PO on topic Swedana

CO-1: Define Swedana and describe its importance and utility.

CO-2; Describe in detail about Swedana drugs according to their properties.

CO-3: Enlist indications and contraindication of Swedanawith its reasoning

CO-4; Define Swedana and describe shashtishalipindasweda in detail and write significance.

CO-5; Describe samyak ,ayoga and atiyogalakshana of Swedana.

CO-6; Describe mode of action of Swedana according to Ayurveda.

CO-7; Describe mode of action of Swedana according to modern.

CO-8; Define vyapada and describe in detail about Swedanavyapad and its treatment.

CO-9; Describe BahirparimarjanaChikitsa.

S.N	CO	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communi cator	PO4 Lifelong learner	PO5 Professiona l	PO6 Critica l Thinke r	PO7 Researche r
	↓							
CO-1	Define Swedana and describe its importance and utility.	3	3	2	2	3	3	2
CO-2	Describe in detail about	3	3	1	1	2	3	2

	Swedana drugs according to their properties.							
CO-3	Enlist indications and contraindication of Swedana with its reasoning	3	3	3	1	3	3	3
CO-4	Define Swedana and describe shashtishalipind asweda in detail and write significance.	3	2	1	1	2	2	3
CO-5	Describe samyak ,ayoga and atiyogalakshana of Swedana.	3	1	1	1	1	1	1
CO-6	Describe mode of action of Swedana according to Ayurveda.	3	2	1	0	2	2	2
CO-7	Describe mode of action of Swedana according to modern.	2	2	1	0	2	1	3
CO-8	Define vyapada and describe in detail about Swedanavyapad and its treatment.	3	2	2	1	2	1	2
CO-9	Describe Bahirparimarjana Chikitsa	3	2	2	1	2	2	2

II] PO on topic Vamana

CO-1: Define vamana and describe its importance and utility.

CO-2: Define agni and koshta and describe importance of agni and koshta in vamana karma

CO-3: Enlist indications and contraindication of vamana with its reasoning

CO-4: Enlist vamanadravya and describe in detail about it

CO-5; Define vaman and describe vamanavidhi in detail

CO-6; Describe samyak ,ayoga and atiyogalakshana of vamana

CO-7; Describe mode of action of vaman according to ayurveda

CO-8; Describe mode of action of vamana according to modern

CO-9; Define vyapada and describe in detail about vamanvyapad and its treatment

S.N	CO	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communi cator	PO4 Lifelong learner	PO5 Professiona l	PO6 Critica l Thinke r	PO7 Researche r
CO-1	Define vamana and describe its importance and utility.	3	3	2	2	3	3	2
CO-2	Define agni and koshtha and describe importance of agni and koshtha in vamana karma	3	3	1	1	2	3	2
CO-3	Enlist indications and contraindication of vamana with its reasoning	3	3	3	1	3	3	3
CO-4	Enlist vamanadravya and describe in detail about it	3	2	0	2	3	0	3
CO-5	Define vaman and describe vamanavidhi in	3	3	3	3	3	3	3

	detail							
CO-6	Describe samyak , ayoga and atiyogalakshana of vamana	3	3	0	2	2	0	0
CO-7	Describe mode of action of vaman according to ayurveda	1	2	1	2	2	0	0
CO-8	Describe mode of action of vamana according to modern	3	3	2	3	3	3	3
CO-9	Define vyapada and describe in detail about vamanvyapad and its treatment	3	2	2	2	3	2	2

II] PO on topic Virechan

CO-1: Define virechana and describe its importance and utility.

CO-2; Describe in detail about virechana drugs according to their mode of action

CO-3: Enlist virechanadravya and describe in detail about it

CO-4: Define agni and koshta and describe importance of agni and koshta in shodhanakarma

CO-5: Enlist indications and contraindication of virechanawith its reasoning

CO-6; Define virechana and describe virechanavidhi in detail and write significance of vaman before virechana

CO-7; Describe samyak ,ayoga and atiyogalakshana of virechana

CO-8; Describe mode of action of virechana according to ayurveda

CO-9; Describe mode of action of virechana according to modern

CO-10; Define vyapada and describe in detail about virechanavyapad and its treatment

S.N	CO ↓	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communicator	PO4 Lifelong learner	PO5 Professional	PO6 Critical Thinker	PO7 Researcher
CO-1	Define virechana and describe its importance and utility.	3	3	2	2	3	3	2
CO-2	Describe in detail about virechana drugs according to their mode of action	3	3	1	1	2	3	2
CO-3	Enlist virechanadravya and describe in detail about it	3	3	3	1	3	3	3
CO-4	Define agni and kostha and describe importance of agni and koshtha in shodhanakarma	3	2	0	2	3	0	3
CO-5	Enlist indications and contraindication of virechanawith its reasoning	3	3	3	3	3	3	3
CO-6	Define virechana and describe virechanavidhi in detail and write significance of vaman before virechana	3	3	0	2	2	0	0

CO-7	Describe samyak , ayoga and atiyoga lakshana of virechana	1	2	1	2	2	0	0
CO-8	Describe mode of action of virechana according to ayurveda	3	3	2	3	3	3	3
CO-9	Describe mode of action of virechana according to modern	3	2	2	2	3	2	2
CO-10	Define vyapada and describe in detail about virechana vyapad and its treatment	3	2	2	2	2	3	2

IIJPO on topic Vasti

CO-1: Define Vasti and describe its utility and importance in chikitsa.

CO-2: Enlist the synonyms of Vasti with its etymology & Discuss its classification in detail.

CO-3: Define Niruh and AnuvasanaVasti and describe the different VastiYantras in detail with their significance and utility.)

CO-4:Enlist the indications and contraindications for Asthapana and AnuvasanaVasti and describe them with justifications.

CO-5: Enlist Asthanapanayogi andAsthapapanopagdrugs and describe vasti drugs according to different Acharyas.

CO-6: Discuss in detail about poorvakarama of Niruha and anauvasanavasti with their importance .

CO-7: Enlist the indications of matravasti and describe in detail about Pradhana karma of vasti.

CO-8: Describe in detail about assessment of Vasti karma with its paschata karma.

CO-9: Enlist various vastivayapadas according to different Acharayas and describe them with management.

CO-10: Enlist indications and contraindications of Uttarvasti and describe it in context of itspoorva ,pradhana and paschat karma.

CO-11: Describe prasutikvasti and yapanavasti with its ingredients and indications.

CO-12: Describe mode of action of Vasti in detail.

CO-13: Describe Modern view of Enemas& its absorption through colon.

S.N.	CO	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communi cator	PO4 Lifelong learner	PO5 Profession al	PO6 Critical Thinker	PO7 Research er
	↓							
CO-1	Define Vasti.	3	1	1	3	3	2	1
	Describe utility and importance of Vastiin chikitsa	3	2	2	3	3	1	3
CO-2	Enlist the synonyms of Vasti with its etymology.	3	0	1	1	2	3	2
	Discuss classification of Vasti in detail.	3	0	1	2	2	1	3
CO-3	Define Niruha and AnuvasanaVasti	3	1	1	1	1	1	1
	Describe different	3	0	0	3	3	2	3

	VastiYantras							
	Describe in detail about significance and utility of Niruha and AnuvasanaV asti	3	0	0	3	3	2	2
CO -4	Enlist indications and contraindications for Asthapanana and AnuvasanaV asti describe them with justifications	3	0	0	3	3	3	3
CO -5	Enlist Asthanapana yogi and Asthapapano pag drugs	3	2	0	3	3	2	3
	Describe vasti drugs according to different Acharyas.	3	0	0	3	2	2	3
CO -6	Discuss in detail about poorvakarma of Niruha and Anuvasanav asti with their importance .	3	3	1	3	3	2	2
CO -7	Enlist the indications of matravasti	3	1	0	3	3	2	2
	Describe in detail about Pradhana karma of vasti.	3	3	0	3	3	2	2

CO-8	Describe in detail about assessment of Vasti karma.	3	2	0	3	3	3	3
	Describe in detail about paschata karma of Vasti.	3	3	0	3	3	2	2
CO-9	Enlist various vastivyapada s according to different Acharayas.	3	1	0	3	3	3	3
	Describe in detail about management of various vastivayapada s	3	2	0	3	3	3	3
CO-10	Enlist indications and contraindications of Uttaravasti .	3	2	0	3	3	3	3
	Describe poorva, pradhana and paschat karma of Uttarvasti.	3	3	0	3	3	2	2
CO-11	Describe ingredients of prasutikvasti and yapanavasti	3	3	0	3	3	2	2
	Describe indications. of Prasutikvasti and	3	2	0	3	3	1	2

	Yapanavasti							
CO-12	Describe mode of action of Vasti in detail.	3	0	0	2	2	3	3
CO-13	Describe modern view of Enemas& its absorption through colon.	3	0	0	3	3	3	3

CO Topic on nasya

CO-1: Define Nasya describe its introduction and significance of Nasya Karma.

CO-2: Describe dravya used for nasya karma and Describe its types

CO-3: Describe Indication and Contraindication of Nasya and along with dosage and time of administration

CO-4: Describe nasya procedure

CO-5: Enlist features of Samyak Yoga, Atiyoga, Heenayoga and describe their management.

CO-6: Describe Pathya-Apathya during Nasya Karma.

CO-7: Describe Administration of Navana, Marsha, Pratimarsha, Avapeedaka, Dhamapana and Dhooma Nasyas.

CO-8: Describe Nasya Karmukata (Mode of action of Nasya).

CO-9: Describe Anatomy & Physiology of Nose.

S.N	CO	PO1 Clinician	PO2 Leader and member of the health care	PO3 Communicator	PO4 Lifelong learner	PO5 Professional	PO6 Critical Thinker	PO7 Researcher
.	↓							

			team and system					
1.	CO -1.Define Nasya describe its introduction and significance of Nasya Karma.	3	1	2	2	2	2	2
2.	CO-2: Describe dravya used for nasya karma and Describe its types	3	0	3	1	2	3	3
3.	CO-3: Describe Indication and Contraindication of Nasya and along with dosage and time of administration	3	1	3	2	3	2	3
S. N.	CO ↓	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communicator	PO4 Lifelong learner	PO5 Professional	PO6 Critical Thinker	PO7 Researcher
4.	CO-4: Describe nasya procedure	3	3	3	3	3	3	3

5.	CO-5: Enlist features of Samyak Yoga, Atiyoga, Heenayoga and describe their management.	3	2	3	3	3	3	3
S. N.	CO ↓	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communicator	PO4 Lifelong learner	PO5 Professional	PO6 Critical Thinker	PO7 Researcher
6.	CO-6: Describe Pathya-Apathya during Nasya Karma.	3	1	3	3	3	3	1
7.	CO-7: Describe Administration of Navana, Marsha, Pratimarsha, Avapeedaka, Dhamapana and Dhooma Nasyas.	3	1	3	3	3	2	3
8	CO-8: Describe Nasya Karmukata (Mode of action of Nasya).	3	1	2	3	3	2	3
9	CO-9:	3	0	0	0	1	1	0

	Describe Anatomy & Physiology of Nose.							

CO-1: Define Raktamokshan and describe utility and significance and different techniques of Rakta Mokshana

CO-2: Describe Indications and contraindications for Rakta Mokshana

CO-3: Describe Rakta Mokshana Karmukata (Mode of action of Rakta Mokshana).

CO-4: Describe management in Water and electrolyte imbalance

CO-5: Describe management in Hypoalamic shock

CO-6: Describe management in Haematemesis and Epistaxis

CO-7: Describe management in Bleeding per rectum and acute abdomen

S. N.	CO ↓	PO1 Clinician	PO2 Leader and member of the health care team and system	PO3 Communicator	PO4 Lifelong learner	PO5 Professional	PO6 Critical Thinker	PO7 Researcher
1.	Define Raktamokshan and describe utility and significance and different techniques of Rakta Mokshana	3	0	3	1	2	2	3
2.	CO-2: Describe	3	0	2	2	2	1	2

	Indications and contraindications for Rakta Mokshana							
3.	CO-3: Describe Rakta Mokshana Karmukata (Mode of action of Rakta Mokshana).	3	0	1	1	1	0	1
4.	CO-4: Describe management in Water and electrolyte imbalance	3	0	1	0	2	1	0
5.	CO-5: Describe management in Hypovolemic shock	2	0	1	1	1	2	0
6.	CO-6: Describe management in Haematemesis and Epistaxis	3	1	0	1	0	1	1
7.	CO-7: Describe management in Bleeding per rectum and acute abdomen	3	0	1	0	1	1	0