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Review Article

ANUPANA TARANGINI: A BOOK REVIEW

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ABSTRACT

Ayurveda is the science of life aimed at promoting health and curing disease. It suggests several principles and concepts to achieve these aims, such as dinacharaya (daily regimen), ritucharaya (seasonal regimen), ahara (food), vihara (regimen), etc. Anupana (co-administers with medicines) is composed of two words 'Anu' and 'Pana', meaning paschat (later) and drinking. Anupana (co-administers with medicines) is mentioned by different Acharya's in their classical books such as Charaka Samhita, Sushruta Samhita, Ashtanga Hrudaya, etc. A book named Anupana Tarangini is also available which describes "anupana" (co-administers with medicines) of rasa dravyas (mineral drugs). This book was written in 17th century by "Pandit Raghunath Prasad" and was written as a conversation between kavi (poet) and kavayitri (poetess). It contains six chapters. The chapters are titled vichi, which means "waves". In this book, "Lokanatha rasa" nasya (errhine therapy) is told with the horn of deer and shweta durva (Cynodon dactylon). This nasya is impossible today due to the Wild Life (Protection) Act, of 1972. Hypnotism is also discussed in this book with lavanga (Syzygium aromaticum) and gorochana (inspissated bile) mixed with vanga (tin) bhasma (calyx of tin). The author has also mentioned to use yukti (logical management) for anupana (co-administers with medicines) of tamra bhasma (calyx of copper). Anupana (co-administers with medicines) is a vehicle used with medicines to improve their therapeutic effects and transport them to their targeted site. Physicians who practice rasaushadis can turn to this well-written, brief work.

Keywords: Anupana, Tarangini, Rasa dravya, Metal and mineral drugs, Ayurveda

INTRODUCTION

Ayurveda – "The science of life" aimed at promoting health of healthy person and curing disease of diseased person¹. Ayurveda suggests several principles and concepts to attain these aims like dinacharaya (daily regime), ritucharaya (seasonal regime), ahara (food), vihara (life style), etc. Among them, one is anupana (co-administers with medicines). In both healthy and diseased states, the concept of anupana (co-administers with medicines) is mentioned. Anupana (co-administers with medicines) is composed of two words 'Anu' and 'pana'. Anu means paschat (later) and 'Pana' means drinking. Therefore, the

definition of *anupana* (co-administers with medicines) is a liquid substance that is consumed with or after a meal and a medication.

Anupana (co-administers with medicines) is mentioned by different Acharya's in their classical books like Charaka samhita², Sushruta Samhita³, Ashtanga Hrudaya⁴, Vaidyajivanam⁵, Sharangadhara samhitha⁶ etc along with its benefits⁷. A book named Anupana Tarangini⁸ is also available which describes anupana (co-administers with medicines) of rasa dravyas (mineral drugs). The author has named the chapters as vichi. In this book, six vichi are explained.

The 6 vichi (chapters) includes the following material

Table 1: Name of the chapters with Rasa dravya

Vichi (Chapter Name)	Rasa Dravya	Procedures	
Pratham vichi	Swarna (gold), roupya (silver), tamra (copper),	Marana (process of making bhasma), shodhana (purification) and its	
	naga (lead), vanga (tin), yashada (zinc), loha	guna (property), dosha (regulatory functional factors of the body),	
	(iron), mandura (iron oxide)	Anupana (co-administers with medicines)	
Dvitiya vichi	Makshika (copper pyrite), tuttha (copper	Marana (process of making bhasma), shodhana (purification),	
	sulphate), haratala (arsenic trisulfide),	Bhasma dosha shanti (management of ill effects caused by bhasma	
	nilanjana (galena), abhraka (mica), manashila	ila prepared improperly), guna (property), anupana (co-administer	
	(arsenic disulphide), rasaka (zinc oxide)	with medicines)	
Tritiya vichi	Rasa (mercury),	Rasa bhubhustikarana (increasing the appetite in mercury), bhasa	
	Rasaka (zinc oxide) Rasakarpura, Rasasindura		
	(HgS)	and anupana (co-administers with medicines) vidhi (procedures)	
Chaturthiya vichi	Gandhaka (sulphur)	Shodhana (purification) and anupana (co-administers with	
		medicines)	

Panchami vichi	Uparasa (group of alchemical mineral agents)	Anupana (co-administers with medicines)
Shasthi vichi	Ratna (gems), vajra (diamond) and pravala	Anupana (co-administers with medicines)
	(coral)	

Table 2: Contents of Chapter 1

Rasa dravya	Anupana	Apakawa bhasma dosha shanti
Swarna (gold) Bhasma	 Bhringraj swarasa (expressed juice of Eclipta prostrata) or Vidarikanda (Pueraria tuberosa) – vajikarana/ putradayaka (aphrodisiac) Dugdha (Milk) – shaktivardhaka (increases strength) Punarnava (Boerhavia diffusa) – netra rogahara (cures eye disorders) Ghrita (ghee) or Shankha pushpi swarasa (expressed juice of Convolvulus pluricaulis) – Jarahara and ayushvardhaka (increase life span) Katuki (Picrorhiza kurroa) – daha nashak (relieves burning sensation) Kesar (Crocus sativus) – kantidayaka (increases luster) Lavanga (Syzygium aromaticum), shunti (Zingiber officinale), maricha (Piper nigrum) – unmada (insanity) Madhu (honey), amala (Emblica officinalis) – sanghrani (sprue) Madhu, hemavarak (gold thin foil sheet) – visha dosha nashak (eradicates poisons) 	Abhaya (Terminalia chebula) + sita (Saccharum) for 3 days
Rajata Bhasma	 Sharkara (Saccharum) – daha (burning sensation) Triphala (Emblica officinalis, Terminalia chebula, Terminalia bellirica) - vatapittahara (reduces vata and pitta dosha) Trisugandha (Cinnamomum zeylanicum, Elettaria cardamomum, Cinnamomum tamala) - prameha (diabetes) Gulma (abdominal lump) – kshara (alkali) Trikatu churna (Zingiber officinale, Piper nigrum, Piper longum) and adusa swarasa (Adhatoda vasica) – kasa and kapha, Bharangi (Clerodendrum serratum), shunti (Zingiber officinale) – shwasa (asthma) Shilajit - kshaya, Mamsa rasa or dugdha (milk) – kseenata, Mandura (iron oxide) – pandu (anaemia) Triphala and pippali (Piper longum) – yakrit and pliha roga (liver and spleen disease) Punarnava (Boerhavia diffusa) – sotha (swelling) Ghrita (ghee) – Valipalit (wrinkles and grey hair), kshudha nashaka (reduces thirst) and kanti vardhaka (increase lustre) 	Sharkara (Saccharum) + Madhu (honey) for 3 days
Tamra (copper) bhasma	Pippali (Piper longum) and Madhu (Honey) – sarva rogahara (pacifies all disease)	Sharkara (Saccharum) + jala (water) + tila (oil of Sesamum indicum) or dhanyaka (Coriandrum sativum) for 3 days
Naga (lead) bhasma	Sita – pitta, vata, shiroroga (disease of head), netra roga (disease of eye), virya (potency) dosha, pralapa (irrelevant speech) and dahahara, ruchi kara (increase appetite), kama vardhana in pathya sevi (follows wholesome diet).	Hema (nimbu) + haritaki (Terminalia chebula) + mishri (Saccharum)
Vanga (tin) bhasma	 Karpura (Cinnamomum camphora) – durgandhahara (removes bad odour) Milk or jatiphala (Myristica fragrans) – paustika (nutritious), Ghrita (ghee) – pandu (anaemia) Tulsi patra (Ocimum sanctum) – prameha Tankana (borax) – gulma, pleeha (spleen) Haridra (Curcuma longa) – urdhava shwasa (Asthma), rakta pitta (bleeding disorder) Sharkara (saccharum) – pitta Madhu (honey) – bala vridhhi (increase strength) Kasturi (Moschus moschiferus), nagavalli (Piper betle) – virya sthambana (increase virility) Pippali (Piper longum) and kasturi (Moschus moschiferus) or kankola churna (Piper cubeba) – mandagni (weak state of digestive fire) Kadhira kwatha (Acacia catechu) – vartama roga (eye disorder) Amalaka (Emblica officinalis) or puga churna (Area catechu) – ajirna (indigestion) Rasona (Allium sativum) – asthigata jwara (fever affecting bones and joints) Sindu phala or nirgundi swarasa (vitex negundo) – kusta (leprosy) Apamarga mula (Achyranthes aspera) – kubja Lavanga (Syzygium aromaticum), Samudra phala (Barringtonia acutangula), Nagavalli swarasa (Piper betle) – linga vriddhi (penile augmentation) Lavanga (Syzygium aromaticum) and gorochana (inspissated bile) – jana vashyata (hypnotism) Lavanga and eranda mula (root of Ricinus communis) used as lepa – ardhavabhedaka (migraine) Yavani (Trachyspermum ammi), ashwagandha (Withania somnifera) – vata roga Aja ksheera (goat milk) – jalodara (ascites) Takra (buttermilk) – vata gulma (lump due to vata) Karkati swarasa (Cucumis utilissimus) or Rasbhi ksheera (donkey milk) – putraprapti (cures impotency) Apamarga swarasa (Achyranthes aspera) – shiroroga (disease of head) Shaluk (Nelumbo nucifera), jatiphala (Myristica fragrans) (jayaphala), lavanga (Syzygium aromaticum) – dhatudosha 	Meshasringi (Gymnema sylvestre) + Sita for 3 days

	 Jatiphala (Myristica fragrans) and ashwagandha (Withania somnifera) in katipida (pain in hip bone) Rosona taila (oil prepared from Allium sativum) – apasmara (nasya) Jatiphala and lavanga, Madhu – kasa roga (cough) 	
Yashada (zinc) bhasma	 Trigandha (Ela, Patra and Twak) – tridosha (regulatory functional factors of the body) roga Agnimantha swarasa (expressed juice of Premna integrifolia) – agnimandya Jirna goghrita, lalya (saliva) – netra roga (Anjana) Nagavallidala (Piper betle) or Mahisha navaneeta (buffalo butter) – prameha (diabetes mellites) Tandula hima (cold infusion of Oryza sativa) and kharjura (Phoenix dactylifera) – pitta jwara (fever due to pitta dosha), raktatisara (bleeding diarrhea) Yavani (Trachyspermum ammi), lavanga (Syzygium aromaticum) – shitajwara (type of fever) Sharkara (saccharum) and jeeraka (Cuminum cyminium) – atisara, vamana Yavani (Trachyspermum ammi), lavanga (Syzygium aromaticum), jeeraka (Cuminum cyminium), sharkara – shula roga (pain) Yavani (Trachyspermum ammi) and ushna jala (hot water) – Vibandha (constipation) Yavani (Trachyspermum ammi) and lavanga (Syzygium aromaticum) – amavata (rheumatism) Yavani (Trachyspermum ammi), lavanga (Syzygium aromaticum), ushna jala – ajirna Madhu and pippali (Piper longum) – kasa roga 	Bala abhaya (small variety of Terminalia chebula) + Sita (saccharum) for 3 days
Loha (iron) Bhasma	 Parada (Mercury) – sarvaroga (all diseases), Bharangi (Clerodendrum serratum), trikatu (Zingiber officinale, Piper nigrum and Piper longum), Madhu – dathuvikara (disease of tissue) Rasa gandha yukta loha (iron) bhasma and Madhu – kapha roga Chaturjata (twak, patra, ela, nagakeshara) and Sita – raktapitta Punarnava (Boerhavia diffusa) churna and godugdha – balaprada, Punarnava (Boerhavia diffusa) kwatha – pandu roga Haridra (Curcuma longa) and Madhu or pippali (Piper longum) and Madhu–prameha (diabetes) Shilajatu (mineral pitch) – mutrakrichra Vasa, pippali (Piper longum), draksha (Vitis vinifera), Madhu (honey) – panchavidha kasa Tambula (betel leaves) – agnideepana (increase metabolic factors), dhatu kantiprada (provides lustre to major structural components of the body), deha loha sama (gives strength to body like iron) 	Khanda (saccharum) + Madhu + Ela (Elettaria cardamomum) for 3 days Saindhava lavana + Trivrut churna + Ushna jala Sita + Madhu + Shweta durva swarasa (Cynodon Dactylon)

Table 3: Contents of Chapter 2

Rasa dravya	Anupana	Apakawa bhasma dosha shanti
Swarna makshika	Madhu and pippali – kshaya, shwasa, bhrama (giddiness), etc.	Kultha kwatha (Dolichos biflorus)
(copper pyrite)		or dadima twak (Cinnamomum
		zeylanicum)
Swarna makshika	Same as Swarna makshika (copper pyrite)	Same as Swarna makshika (copper
(copper pyrite)		pyrite)
Tutha bhasma	• Navaneeta (Butter) – kandu (itching), visha (Poison), kustha (leprosy), Vidanga	1. Jambira nimbu swarasa
(copper sulphate)	(Embelia ribes) – krimiroga (intestinal worms)	(Citrus limon)
	• Tambula (betel leaves) – kapha roga	2. Laja jala (puffed rice)
	• Madhu (honey) – netra roga (Anjana)	3. Ushira arka (distillate of
	• Eranda taila (oil of Ricinus communis) – rechana (purgative)	Vetiveria zizanioides)
Haratala (arsenic	Guduchi churna (Tinospora cordifolia) or kwatha – vatarakta and kustha	1. Kushmanda swarasa
trisulfide) bhasma	Haridra (Curcuma longa)– rakta dosha	(Benincasa hispida) or
	• Tambula (betel leaves) – kshaya roga	yavasa (Alhagi camelorum)
	• Kushmanda swarasa (Benincasa hispida) – kandu (itching), upadamsha (syphilis),	or nakuli swarasa
	bhagandara (fistula in ano), visarpa (spreding cellulitis), mandala kustha (type of	(Aristolochia indica)
	kustha), vatarakta (rheumatism due to rakta), visphotaka,	2. Jeeraka (Cuminum
	• Sita- pandu, kshaya, jwara	cyminium) and Sita (saccharum)for 7 days
	• Pathya (wholesome food) – godugdha, sita, dhanya, alpaahara, alpajala, in dugdha mix lapsika then eat sita)	(saccharum)for / days
	Ardraka swarasa (Zingiber officinale) – vata roga shula, sutika roga (puerperal disorder)	
	• Shrita sheeta ambu (boiled and cold water) – sannipata roga (conglomeration	
	disease), vata gulma, vata roga, ardhanga roga (diseases affecting one side of body)	
	Jatiphala (Myristica fragrans) – nirbala	
	Haridra (Curcuma longa) – raktapitta	
	Naga valli (Piper Betle) – virya stambha	
	Haritaki (Terminalia chebula) – urdhawa shwasa	
	• shunti (Zingiber officinale) – alasya	
	• Trigandha (Twak, patra, ela) – mukha dourgandhya (halitosis)	
	• Ajamutra (goat's urine) – jalodara	

	 Tulsi swarasa (Ocimum sanctum) – prameha Jatipatra (Cinnamomum tamala), Kesara (Crocus sativus) – pratishyaya (catarrh) Madhu (honey) and pippali (Piper longum) – agnimandya Sita – kasa, kshaya, vishmajwara Lavanga (Syzygium aromaticum), twak (Cinnamomum zeylanicum), Rasakarpura (Ciannamomum camphora) – virya stambha Goksheera (cow's milk) – virya vardhana 	
Neelanjana	 Kesara (Crocus sativus), ahiphena (Papaver somniferum) – atisara, sanghrani Parada (Mercury), naga (lead), suddha karpoora (Ciannamomum camphora) – Anjana (collyrium) Saindhava lavana (rock salt), krista, gaja beeja (pawar beeja) (Cassia tora), vidanga (Embelia ribes), sarshapa (Brassica juncea), kanji (sour rice gruel) – sidhma, mandala, dadru kushta (types of skin disorder) (application of Lepa) Sita (Saccharum) and ghrita (ghee) – pitta roga Shunti, amalaki and Jaggery– kapha roga Kanaka varak (gold foil), navaneeta, sita, Madhu – kshaya, kanti prada, vipula bala (increases strength) 	-
Abhraka (mica)	 Madhu and pippali (Piper longum) – kasa, shwasa, visha, bhrama, kamala, gulma, pandu, sangrahani, kapha kshaya, prameha, vata pitta kaphahara, kushta, jeerna jwara, arochaka Vidanga (Embelia ribes), trayushana (sunthi, maricha, pippali) – pandu, sangrahani, shula, kshaya, shwasa, aruchi, ama, kushta, mandagni, koshta roga, kasa, prameha (diabeties), shukra bhuddhi vardhaka Shilajatu (Asphaltum punjabianum), pippali (Piper longum) churna, Madhu (honey) – prameha (diabeties) Swarna (gold) – kshaya, dhatu vardhana Haritaki (Terminalia chebula), guda (jaggery) – vatarakta Ela (Elettaria cardamomum), Sita (saccharum) – raktapitta Triphala, trikatu, tri Sugandha, sita (saccharum), naga (lead) Kesara (Crocus sativus) and Madhu – Pandu roga, rajayakshma 	Amalaki phala (fruit Emblica officinalis) and jala
Manashila (arsenic disulphide)	 Pippali (Piper longum), nimba (Azadirachta indica) phala, karavellaka (Momordica charantia) swarasa – tridoshaja jwara Shankha churna (Conch shell) maricha (piper nigrum), saindhava lavana (rock salt) – netra roga Madhu – shukra, timira, pichata Dadhi toya (supernatant portion of curd) – arbuda Bharangi (Clerodendrum serratum), shunti (Zingiber officinale) – shwasa Swarna (gold) – visha (poison) Vasa (Adhatoda vasica) swarasa, yosha (trikatu) – kapha, kasa Arjuna (Terminalia arjuna), ela (Elettaria cardamomum), kasisa (green vitriol), gruhadhuma (chimney soot), musta (Cyperus rotundus), sarja (Vateria indica), lodra (Symplocos racemosa), gorochana (inspissated bile) sarshapa taila – kilasa kithibha, dadru, kustha, pama, bagandhara, indralupta, arsha 	Madhu + ksheera - 3 days
Kharpara	Maricha (Piper nigrum), navaneeta (Butter), nimbu swarasa (Citrus limon), Madhu, pippali – vishama jwara, dhatugata jwara, arsha (hemorrhoids), pradara, jeerna jwara (type of fever), netra roga, pitta roga, rakta vikara, raktatisara	Gomutra (Cow urine)

Table 4: Contents of Chapter 3

Rasa dravya	Anupana	Apakawa bhasma dosha shanti
Parada	 Maricha (Piper nigrum) and pippali (Piper longum) churna with Madhu, ghrita or Madhuchista (beewax), ghrita – sarvaroga Ksheera and Sita – pitta, Pippali – vata, Ardraka swarasa – kapha Jambeera swarasa – jwara Madhu – rakta vikara Dadhi – atisara, Meghanath (cholai) – raktaatisara Guda, sarpi, maricha – pratishyaya, kapha dosha Masha, kushmanda, yashtimadhu (Glycyrrhiza glabra), sharkara yukta dugdha or madhu, ghrita – virya vriddhi, virya stambhaka Madhu, Sita – tritiyaka jwara, pitta, bhrama naga (lead) ramotha (?), guduchi (Tinospora cordifolia), raktachandana (Pterocarpus santalinus), dhanyaka (Coriandrum sativum), ushira (Vetiveria zizanioides) – sukhakara Draksha (Vitis vinifera), vasa (Adhatoda vasica) kwatha – raktapitta, kapha, shwasa, kasa Shali manda or Makshika (copper pyrite) and jala – medoroga 	Godugdha (Cow milk) + Gandhaka (sulphur) for 7 days
Rasaka (ZnO)	Bharangi, trikatu, hingu and guda – nastapushpa, rakta gulma, shula Kasturi, chandana, lavanga (Syzygium aromaticum), Kesara (Crocus sativus) –	Mahisha shakrit jala (Infusion of
Rasakarpura (Perchloride of mercury)	phiranga upadrava, angideepana, virya bala pusti	Buffalo dung) or <i>Dhanyaka sita</i> jala (cold infusion of <i>Coriandrum sativum</i>)
Rasasindura (HgS)	 Pippali (Piper longum), Madhu– vata prameha Triphala churna, sitopala – pitta prameha 	Ghrita (Ghee) + maricha (Piper nigrum) for 7 days

	Bharangi (Clerodendrum serratum), triushana (sunthi, maricha, pippali),
	Madhu – kasa, shwasa, shula
•	Haridra, Sita – rakta dosha
•	Triphala, trikatu – kamala, pandu, mandagni
•	Chitraka, vati, haritaki, suvarcha lavana – hridroga, baddha kostha, mandagni
•	Shilajatu, sita, ela – mutrakriccha
•	Triphala, suvarcha lavana – rechana
•	Jati patra (Cinnamomum tamala), lavanga (Syzygium aromaticum), ahiphena
	(Papaver somniferum), bhang (Cannabis sativa), pippali, kesara, Rasakarpura
	- dhatu vardhaka
•	Lavanga, suvarcha lavana, haritaki – sarvajwara
	Ajamoda – chardi roga
•	Lavanga, Kesara (Crocus sativus) or kushmanda churna – dhatu vardhana
	Guda, parpati – krimi kostha
•	Lavanga, bhang, ahiphena – sarvatisara
•	Ajamoda (Apium graveolens), suvarcha lavana – agnimandya
•	Guduchi satva – pustikaraka (gives nourishment)
	Madhu, vata churna (churna of Ficus benghalensis) – vata roga, Sitopala – pitta
	roga, Trikatu and chitraka – kapha roga

Table 5: Contents of Chapter 4

Rasa dravya	Anupana	Ashudha dosha shanti
Gandhaka	Triphala – netraroga, Gogritha – netravrana (corneal ulcer)	Ksheera (Cow milk) +
(sulphur)	Maricha or pippali and gogritha – kasa, Brihatiphala and gogritha – shwasa	Gogritha (Ghee)
	Magadha (pippali) and Madhu -swarabhanga	
	Nagavalli swarasa – parshwashula, Nimbu swarasa – visuchika	
	Amalaki (Emblica officinalis) churna – ajirna (indigestion)	
	Tila taila (oil of Sesamum indicum) – pama (eczema)	
	Shunti (Zingiber officinale) and gritha – sangrahani	
	Nimba panchanga – kushta	
	Tulasi swarasa and gritha – vataroga, Gogritha – pittaroga, Guda and shunti – kapharoga	
	• Ashwamutra (horse urine), goksheera, gritha and shunti – jaravyadhi (geriatrics diseases)	
	• Triphala and bhringaraja churna – jara nasha (rejuvenation)	
	Lepa with nirgundi swarasa and parada – kushta and vishavikara	
	Bhringaraja swarasa, haritaki churna, Madhu and gritha – jaravyadhi, balya and veeryavriddhi	
	Sinchana of Tila taila along with sheetajala – kushta	
	Lepa- yavaka jala (kanji) – shirovrana (ulcers on head/scalp), shirashula	
	Anjana- Madhu and gogritha – netrashukra (disease occurring in the corneal part of the eye)	

Table 6: Contents of Chapter 5

Rasa dravya	Anı	nupana		
Lokanatha	•	Maricha churna, Gritha – vataroga, Navaneeta – pittaroga and Madhu – Kapharoga		
rasa	•	Brushta dhanyaka churna (fried Coriandrum sativum), Sita – aruchi		
	•	Dhanyaka and guduchi swarasa, Madhu and pippali – jwara		
	•	Vasa swarasa, sugandhabala, Sita and Madhu – raktapitta, kapha, kasa, shwasa and swarabhanga		
	•	Bharjitha bhang churna and Madhu – anidra, atisara, grahani and agnimandya		
	•	Sanchala (type of lavana), haritaki, pippali churna and ushna jala – shula and ajirna		
	•	Dadimaphala rasa – pleeha, chardi, arshas and raktapitta		
	•	Hirana shrunga (horn of deer), durva swarasa nasya - raktasrava		
	•	Mayurapiccha bhasma, kana, kolamajja churna, Sita and Madhu – chardi and hikka		
Vajivarma	•	Mulaka swarasa or pippali (Piper longum), Madhu (honey) and ardraka swarasa – vatashula, kshaya, kasa and shwasa		
rasa	•	Madhu (honey) – vali and palita		
	•	Shigrumula swarasa, gogritha – shula and jwara, Dadhimastu – ajirna		
	•	Kamala (Emblica officinalis) beeja – sheetajwara		
	•	Punarnava (Boerhavia diffusa) – pandu, Tandulodaka – visha		
	•	Tilaparni swarasa (Anjana) – netraroga, Naridugdha – nakthandhya		
	•	Sharkara and jeeraka (Cuminum cyminium) – pittajwara, Devadaru, vacha and kushta– asthigata vata, Trikatu – vatashula,		
		Sethika and gritha or shigrumula swarasa or gogritha and Madhu – shula		
	•	Jathiphala – arshas, karnaroga, shiroroga, pinasa and ardhawabedhaka		
	•	Dadhi or gomutra – atisara, Takratoya, jathiphala swarasa or mahisha mutra – grahani, Eranda taila – rechana		
	•	Gomutra – vajikarana, Putrajeeva swarasa – vandhya,		
	•	Tulasi swarasa (Anjana), kumari swarasa (bhakshita) – jwara, Amalaki (Emblica officinalis)– pittajwara		
	•	Bhringaraja swarasa or ajamoda and bhanga or triphala and Ashwagandha churna and Madhu - vataroga,		
		Vishnukrantamula – dhanurvata, Ajaji and Madhu – ushnavata,		
	•	Bhringaraja swarasa – swedahara, Champa swarasa – shareera dourgandhyahara,		
	•	Triphala and eranda taila or kakamachi swarasa – udaramaya		
	•	Kasamarda swarasa or tankana – agnimandya, Brahmi swarasa – Medhya, Tambulapatra (Cinnamomum tamala) – kanti,		
		Nagavallipatra (Cinnamomum tamala) swarasa – balya, Veetaka (naga valli patra)- swarya		
	•	Kumari swarasa, Tulasi swarasa and Madhu – sutika roga		
	•	Sudhakshara (alkali) or nirgundi swarasa – gulma, Puga (Areca catechu) swarasa – mutrakrichra,		

	Nimbu swarasa (Anjana) – bhutagna, Karanjatwak swarasa – krimiroga		
	Bhringaraja swarasa or palandu swarasa – shopha		
	Lepa:		
	 Nimbu swarasa, shirisha swarasa, gritha or meghanada swarasa – sarpadamsha, Ardraka swarasa – vruschika v 		
	Gomutra – pama		
	Visha: Bringaraja swarasa – luthavisha, Jala – pallivisha, Meghanada swarasa – unmatta shwanavisha		
Ashwinikuma	Haridra – pittameha, Tulasi patra (Ocimum sanctum) swarasa – prameha		
ra rasa	Ajamoda – mutrakrichra, Madhu – vajikara		
	Shunti (Zingiber officinale) – jwara, Karpasa swarasa – sheeta jwara, Tulasi swarasa with Sita and shunti (Zingiber officinale) – ekantara jwara, Maricha, ajaji. tulasi swarasa – tritiyaka jwara, Bhringaraja swarasa – chaturtika jwara, Saindaya – kasa		
	Twak – mukha durgandha, Pippali (Piper longum) yuktha veetaka (betel leaf)– ushnavata, Pippali (Piper longum) mula – pratishyaya and vataroga		
	Nimbu rasa – shiroroga (bakshana and lepa)		
	Vishala swarasa – pleeha and udararoga, Kadalikanda swarasa – kosthagata shula, Jathipahala kwatha – amatisara and raktatisara		
	Peetaka (babbula) swarasa – kaksha durgandha		
	Mandukaparni swarasa – bhuddhivardhana, Vatama majja – Pushti and balakara, Bhang – swarya		
	Haridra, heerabola and gritha – sutika roga,		

Table 7: Content of Chapter 6

Rasa dravya	Anupana		Apakawa bhasma dosha shanti
Vajra	 Kad 	lira kwatha – kushta	Godugdha + Sita + Gritha +
(diamond)	 Ardi 	raka swarasa with Madhu – vatavyadhi	Madhu – 7days
Bhasma	 Vasa 	a swarasa with pippali (Piper longum) and Madhu (honey) – kasa shwasa and kapha	(Applies for all Ratna (gems))
	• Grit	tha and Madhu (honey) – pushtikara	
	 Gon 	nutra – sutika roga	
	• Sha	rkara – sweda	
Pravala	 Pipp 	pali (Piper longum) and Madhu – shwasa, kasa, jeernajwara, koshtagata vata and	
(coral)	hikk	ta, Sitopala and ardraka swarasa – pittaja kasa	
Bhasma	 Katı 	uki (Picrorhiza kurroa), chirayata and haritaki – daruna jwara	
	 Pak 	wa kadaliphala – dhatukshaya, Madhu, sharkara and tulasi swarasa – vataroga	
	 Nag 	avalli patra (Cinnamomum tamala) with veetaka – karshya, Gulkand – urakshata	
	 Trip 	ohala and Madhu (honey) or tandula hima – mutrakrichra	
	 Dug 	gdha (dharoshna) – pradara	

DISCUSSION

This book was written in the 17th century in 1697 by "Pandit Raghunath Prasad." In another book written by the same author, "*Nadigyana taragini*," the author's parents' names are noted. His father's name was Sitarama and his mother's name was Lakshmi. Although his *guru's* (teacher) name is not specifically stated, in one shloka author expressed gratitude to Shrinivastatarya, suggesting that he was possibly the author's *guru* (teacher). Pandit Raghunath Ji Inder was there as well in the seventeenth century. He is the author of the book "Nigantu Sangraha". Both authors were distinct individuals. There are only 6 chapters in *Anupana Taringini*, making it an extremely condensed work. The chapters in this book are titled *vichi*, which means "waves." This book is written as a conversation between *kavi* and *kavaytri*.

In 1st vichi book is started with the prayer of Lord *Dhanwantari*. In this vichi, dathu and saptadhatu shodhana, making of bhasmas, samanya guna (general property), apakwa bhasma doshas and shanti, Anupana (co-administers with medicines), etc. are explained. For mandura (iron oxide) bhasma only shodhana (purification) is told other things are the same as loha Bhasma (iron). Pittala and kamsya marana (process of making bhasma), guna (property), shanti is same as tamra (copper). Swarna makshika (copper pyrite) marana (process of making bhasma), guna (property), anupana (co-administers with medicines), etc. same as swarna makshika (copper pyrite). Additionally, loha (iron) yoniraksha, loha (iron) mardan, balidan, and bhakshan mantras are explained. In 2nd vichi upadhatus are explained with their sodhan, maran, guna (property), apakwadosha shanti, and anupana (co-administers with medicines). In the 3rd vichi first Tarakasur narrative is mentioned to explain how parada (mercury) originated. Parada (mercury) is explained in this chapter with *pathya*, *apathya*. Then formulations like *rasaka* (zinc oxide) *Rasakarpura* (Hg₂Cl₂) and *Rasasindura* (HgS) are also explained. In 4th vichi gandhaka (sulphur) is explained. In 5th *vichi kajjali*, formulations like lokanath rasa, vajivarma rasa and ashwinikumara rasa are explained. For *Lokanatha rasa nasya* (errhine therapy) is told with horn of deer and *shweta durva*. Horn of deer can't be used according to "The Wild Life (Protection) Act, 1972" so the practice of this nasya is not possible in today's era. In 6th vichi, Ratna (gems), vajra (diamond) types, guna (property), shodhana (purification), Marana (process of making bhasma), ashuddha doshas, shanti anupana (co-administers with medicines) is explained.

Hypnotism is also mentioned in this book. The author explained to put *lavanga* (Syzygium aromaticum) and *gorochana* (inspissated bile) mixed with *vanga bhasma* to apply as *tilaka* for *janavashyata* (hypnotism) – *devavyapasharya chikitsa*. The author also explained to use of *yukti* in the context of anupana of *tamra bhasma* as per the disease condition.

CONCLUSION

Anupana (co-administers with medicines) is a vehicle or medium that is used with medicines to improve their therapeutic effects and to transport the medication to its targeted site. It improves absorption and optimizes harmful effects and accumulation in bodily organs through their specific actions. If the proper anupana is chosen with a particular formulation, it is regarded as half the medicine itself. According to Acharya Sharangadhara, when medication is given along with anupana, it quickly travels throughout the body in a similar manner to how quickly an oil drop spreads over water. This book primarily addresses the mineral medicine Anupana. Physicians who practice rasaushadi

(metal-mineral based formulations) can turn to this well-written, brief work.

REFERENCES

- Vagbhata, Ashtanga Hridaya. Kaviraj Atrideva Gupta, editor. Sutrasthana: Ayushkamiyaadhyaya. Varanasi: Chaukhambha Prakashan; 2009. P.3.
- Acharya Y T, editor. Ayurveda dipika of Chakrapani Datta on Charak Samhita of Agnivesha. Sutrasthana: Annapanavidhi adhyaya. Reprint ed. chapter 27, Varanasi: Chaukhamba prakashana; 2016. P.172.
- Acharya Y T, editor. Nibandha Sangraha of Dalhana on Sushrutha Samhitha of sushrutha. Sutrasthana: Annapanavidhi adhyaya. Reprint ed. Varanasi: Chaukhambha Sanskrita Sansthana; 2015. P.245-246.
- Paradakara H S S, editor. Sarvangasundara of arunadatta on Ashtangahridaya of vagbhata. Sutrasthana: Matrashitiya adhyaya. Reprint ed. Varanasi: Chaukhamba Sanskrit sansthana; 2015. P.158-160.

- Krishnalal, editor, Vaidyajeevanam of Lolimbaraja. Panchama adhyaya. Reprint ed. Induprakasha yantralaya; P.125-128.
- Tripathi Brahmanand, Dipika of Adhamalla on Sharangadharasamhita of Sharangadara. Madhyamakanda: Churna Kalpana. Reprint ed. Varanasi: Chaukhamba Bharati prakashana; 2004. P.178.
- Paradakara H S S, editor. Sarvangasundara of arunadatta on Ashtangahridaya of vagbhata. Sutrasthana: Matrashitiya adhyaya. Reprint ed. Varanasi: Chaukhamba Sanskrit sansthana; 2015. P.159.
- Raghunathaprasad, Anupana Tarangini. Swaminatha Mishra, editor. First ed. Varanasi: Chaukhambha publication; 2000.

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