

AYURVEDIC MANAGEMENT OF 'MENOPAUSAL SYNDROME' WITH *VIDARYADI RASAYANA KALPA* GRANULES: A CASE REPORT

Dr.Anjali Suthar ¹, Dr.Trupti Kale ²

1. PG Scholar , Department of prasuti Tantra Evum Stree Roga , Parul Institute of Ayurveda, parul university, Vadodara, Gujarat. Sutharanjali96@gmail.com
2. Associate Professor, Department of prasuti Tantra Evum Stree Roga , Parul Institute of Ayurveda, parul university, Vadodara, Gujarat. trupti.kale26703@paruluniversity.ac.in

Corresponding author : Dr.Anjali Suthar, PG Scholar , Department of prasuti Tantra Evum Stree Roga , Parul Institute of Ayurveda, parul university, Vadodara, Gujarat. Sutharanjali96@gmail.com
Contact No. 8780391913

ABSTRACT: During the climacteric, a woman switches from the reproductive to the non-reproductive stage. Menopause is a normal occurrence, but it has recently raised serious health concerns across the globe. The hormonal changes that occur throughout this "stage of life" affect every woman differently on a physical and psychological level. Vasomotor, Mental, Genital, Locomotor, and GIT symptoms combination is called Menopausal Syndrome. The available remedy for these problems at this time is hormone replacement therapy, but it also carries a host of other health risks. This formulation (*Vidaryadi Rasayana Kalpa* Granules) was developed to find a safe and effective Ayurvedic remedy for the management of Menopausal Syndrome without causing any adverse side effects. A 47-year-old woman presented with complaints of Absence of menses for one year, hot flushes, heart discomfort, daily sleep disruptions, depressive mood, uncontrollable anxiety, dry vagina, fatigue, etc.; and she was successfully treated with this Granules. Treatment for menopausal syndrome with *Rasayana*, slows down the body's natural ageing process. The medications listed in the *Vidaryadi Rasayana kalpa* granules have the properties of *rasayana*, *vyadhi nasanam*, *Deepaniya*, *Medhya*, *balya*, *jeevaneeya*, and *dhatu pushti kara*. By taking *Vidaryadi Rasayana Kalpa* Granules for two months, the patient experienced fantastic results.

KEYWORDS : *rajo nivritti avastha janya lakshan* , menopausal syndrome, *vidaryadi rasayana kalpa granules*, *rasayana*, case report.

1. INRODUCTION: Menopause is the term used to describe the end of reproductive life when menstruation permanently stops due to a decrease in ovarian follicular activity. A woman's transition occurs from the reproductive to the non-reproductive stage during the climacteric. This stage lasts for 5 to 10 years each side of menopause. [1] Although menopause is a natural occurrence that comes with becoming older it has become a significant health concern in recent years both in industrialized and developing Nations like India. India has a sizeable population that has already 1 billion with 71 million individuals over the age of 60 and 43 million women who are menopausal. According to projections India will have 1.4 billion people 173 million adults over the age of 16 and 103 million women who are menopause by 2026. In Indian women, the average age of menopause is 47.5 years and the average life expectancy is 71 years.[2] Due to their extraordinary physical and mental prowess in almost every field, women play a special role in society and have varied perspectives. Every woman goes through a variety of physiological and psychological changes during this "stage of life" as a result of hormonal changes. Such conditions may occasionally advance to the "Menopausal Syndrome," a stage of an illness or ailment that is characterized by a range of vasomotor, mental, genital, locomotor, and GIT symptoms. This phenomenon is viewed differently and not as a major health issue in Ayurveda. According to Acharya *Sushruta*, menopause can be correlated with *Jarapakva Avastha*. [3] It is brought on by *Dhatukshayavastha* and *Vata* dominance. Nearly all *Acharyas* mention *Rajonivritti Kala* without any debate. The age of *Rajonivritti*, when senility has fully taken hold of the body, is 50 years. Hormone replacement therapy is the only treatment option available today for these health risks, but it also comes with a wide range of additional health issues, such as vaginal bleeding, breast cancer, endometrial cancer, gallbladder problems, etc. [4] However, the psychological side effects of this stage do not respond well to this therapy. The long-term use of sedatives, hypnotics, and anxiolytics used by allopaths to treat these conditions can have a variety of negative side effects, including drowsiness, reduced motor function, memory loss, allergic reactions, antisocial behavior,

and drug dependence. This formulation (*Vidaryadi Rasayana Kalpa Granules*) has been made to discover a safe and efficient Ayurvedic medication for the management of menopausal syndrome without producing any negative side effects, taking into account that it is a challenging condition.

2. MATERIALS AND METHOD

2.1 Aims and Objective

1. To make *VIDARYADI RASAYANA KALPA* in Granules form.
2. To evaluate the efficacy of *VIDARYADI RASAYANA KALPA* in the management of 'Menopausal Syndrome'.

2.2 *VIDARYADI RASAYANA KALPA* granules preparation (Figure 1)

तद्वद्विदार्यतिबलाबलामधुकवायसी : ।

श्रेयसीश्रेयसीयुक्तापथ्याधानीस्थिरामृताः ॥

मण्डूकीशङ्खकुसुमावाजिगन्धाशतावरीः ।

उपयुञ्जीत मेधाधीवयःस्थैर्यबलप्रदाः ॥

Rrf. – (A.H.Uttarsthan ,39/60-61) [5]

- Raw drugs procured from authentic sources & powdered and filtered with the sieve.
- Raw drug Powder fried with *Go-Ghrita*.
- *Go-Ghrita* & *Gud* melted and Raw drugs powder was added to it.
- *Ela (As Prakshepa Dravya)* mixed in it.
- The mixture was then passed through a sieve to make Granules, & dried under the shade.

3. CASE REPORT

3.1. Patient information:

On July 26, 2022, a 47-year-old woman complained of not having her period for a full year at the O.P.D. of the Prasuti Tantra and Stree Roga Department of the Parul Ayurveda Hospital, Parul University, Vadodara. She has been dealing with menopausal symptoms for a year. She saw a gynecologist since the symptoms were serious enough to affect the quality of her life, and the doctor suggested her to start hormone therapy. She came to Parul Ayurved Hospital in Vadodara to seek counsel and receive better care.

3.2 Chief complaints & Associated complaints with duration

- Absence of menses for one year
- Hot flushes felt 2-3 times per day, increased at times of stress
- Heart discomfort even on talking loudly
- Daily delayed sleep with many awakenings and delayed sleep re-appearance
- Depressive mood, Unstable mood because of any influencing factor
- Uncontrollable Anxiety
- Pain during coitus and vaginal dryness
- Fatigue even without doing work
- Having decreased sexual desire
- Pain in B/L knee joints and B/L ankle joints
- All chief and associated complaints are presented for 1 year and 3 months.

3.3 Past History: Medical: No relevant history, Surgical: No relevant history

3.4 Family History : Not specific

3.5 Past Menstrual History: Age of Menarche - 14 year, LMP- 20/7/2021, Regularity: Regular, Painless, Menstrual Flow: Clots (+), Foul smelling(+), Normal, Quantity: Medium, Color- Dark Red.

3.6 Personal History

Appetite: Moderate, **Bowel:** Regular , 1 Times/Day, bloating some times, **Micturition:** 3-4 Times / Day, 1 Times / Night, **Sleep:** Disturbed, **Duration of Sleep:** 4-5 hrs / Night, **Dietary Habits:** Vishamashana, **Dominant Rasa :** Madhura / Amla / Katu, **Quantity:** Adequate, **Life Style [Vihara]** Nature of Work: Physical: Moderate, **Mental:** Moderate, **Habits / Addictions:** Tea

3.7 General examination: Height : 150 cm , Weight:71 kg

3.8 Systemic examination: RS: AEBE, Clear, CVS: S1-S2 heard, CNS: Patient conscious and well oriented , GI System: No deformity.

3.9 Local Examination: P/A: Soft and None tender, **P/S:** Cervix is healthy, No discharge present, No erosion, No congestion present, **P/V:** Uterus anteverted anti flex, All fornices free, non-tender, Cervical motion tenderness present.

3.10 (Vitals with follow-up mentioned in table no. 1)

3.11 Asthavidha pariksha : Nadi: Vatapradhan Kapha, Mala: Prakruta, Mutra: Samyak, Jihwa : Niram, Sabda: Avishesha, Sparsha : Anushna Sheeta, Drik : Prakrit, Akriti : Madhyam

3.12 Dashvidha Pariksha, Prakruti: , Sharira: Pitta Kapha , **Manas :** Tamsik, **Vikruti :** Vata / Pitta / Kapha, **Sara:** Madhyam, **Samhana:** Madhyam, **Pramana:** Madhyam, **Satmya:** Sarvarasa, **Satva:** Madhyam, **Vaya:** Madhyam, **Vyayamshakti:** Madhyam, **Aharashakti:** Madhyam, **Abhyavaranshakti:** Madhyam, **Jaranshakti:** Madhyam.

3.13 Subjective Parameter: MRS (Menopause Rating Scale) Score ^[6]
(Mentioned in the table no : 2 with follow up)

Gradation of severity of Menopausal Syndrome : 0 -10 None / Mild / Doubtful, 11-21 Moderate , 22-32 Severe , 33-44 Extremely severe.

3.14 Assessment according to Doshik involvement : (Mentioned in table no . 3)

3.15 Objective Parameter: (Mentioned in table no . 4)

3.16 Informed Consent: written informed consent was obtained.

4.THERAPEUTIC INTERVENTIONS:

- **VIDARYADI RASAYANA KALPAGRANULES, Dose: 10 gram, Route: Oral, Anupana:** Luke warm milk, **Duration: 2 months, Empty stomach BD morning-evening (Rasayana Kala).**
- The patient has completed the study according to the protocol
- Date of completion of study: **27/10/2022**

4.1 pathya-Apathya advised

- **PATHYA: Aahara** – Go-dugdha, Go-Ghrita, Laghu –Ahara, Mudga, Dadima, Freshly prepared food, Takra (Buttermilk), **Vihara** - Yatha shakti vyayam, **Vichara-** Sadvritta palan
- **APATHYA: Aahara-** Adhyashan, Atyashana, Ati vyayama, Ativyavay, Paryushitannan, Junk food, **Vihara** - Ratri Jagran, Divaswapa, **Vichar-** Atichinta , Krodha ,etc.

5. RESULT (PERCENTAGE OF RELIEF): 80 %

No, ADRs found.

6. DISCUSSION

- The *Rajah* is an essential physiological component in females. The right creation of the *Rajah* or *Artava* denotes *Dhatu purnata*. When discussing "*Rajah Utpatti Hetus*", *Acharyas* brings up a few points. These components can be

thought of as *Rajah Nivritti hetus* they are *Kala, Swabhava, Vayu, Karma/environment, Dhatukshaya, Dosha-Dhatu-Mal, Abhighata, Ahara, Vihara, Mansik Hetus*, etc. Ancient people lived very differently than we do today. There were very few *Rajonivritti Awasthajanya Lakshanas* because females had access to organic sources of fruits, vegetables, and milk, as well as its sources and products like *Ghrita, Navneet, and Kheer*. The majority of *Rajonivritti's Lakshanas* are caused by *VataVridhhi, Kapha Kshaya, Pitta's Ashaya Apakarsha* caused by exacerbated *Vata*, vitiation of *Manovahasrotas*, and *Dhatukshaya*, all of which appear as a result of aging. [7] Over this period, ovarian function steadily deteriorates, which can result in or be accompanied by a variety of endocrine, psychological, and physical diseases. Menopause is brought on by the decreased ovarian follicles. When follicular development is inhibited, less estrogen and other hormones are released. Negative signals are sent to the hypothalamus and pituitary centers as a result of this reduction. As a result, gonadotrophin secretion increases. The concentration of luteinizing hormone would be lower than that of follicle-stimulating hormone. [8] *Rasayana* (Rejuvenation therapy), which slows down the body's natural aging process, may be helpful in the treatment of menopausal syndrome. The medicines mentioned in the *Vidaryadi Rasayana kalpa* granules have *rasayana, vyadhi nasanam, Deepaniya, Medhya, balya, jeevaneeya, and dhatu pushti kara* qualities.

- Mode of action of *dravyas* of **Vidarydi Rasayana Kalpa** based on **RASA**

Among 16 drugs, 4 drugs are having *Madhura rasa*, 3 are having *Tikta rasa* and 2 are having *Madhura Tikta rasa*. *Aacharya charak* explained properties of *madhura rasa* such as *Saptadhatu* and *ojas abhivardhan, aayushya, shad indriya prasadana, bala and varna kara, pitta-vata hara, trishna daaha prashamana, tvachya, balya, preenan, jeevana, tarpan, brimhana, sthairyakara, khsina-kshat sandhankara*. [9] *Shad indriyani manasa samam (Chakrapani tika), aayutastu aayuh prakarshkaritven (Chakrapani tika* [10] According to *aacharya sushruta*, action of *madhura rasa* are *paritoshamutpadayati, prahladayati, tarpayati, jeevayati* [11] properties *rasa-rakta-mamsa-meda-asthi-majja-oja-sukra-stanyavardhana, varnya, balakruta, sandhaana, shonit rasa prasadana, baala, vridhha kshata kshina hita, daaha prashamana, shad indriya prasadana*. [12] *Tikta rasa* has action like *Dipana, Pachana Trishna prshaman, Tvak Mamsayoh Sthirakarano*. It Promotes firmness of skin and muscles.

- Based on **GUNA**

GURU guna is *Vatahara, Kapha kara, Dhatu vridhhi, Malavruddhi, Brhmana, Balakruta, Tarpana, Pushtikara* [13] . **SNIGDHA guna** dose *Dhatu vardhana Snehana, Mardav, Balya, Varnya, Vrusya*. So these drugs decreases *vatotth lakshanas* such as *Shirah shoola, sandhi vedana, aatopa, vibandha, bhrama, kati shoola and bala kshaya*.

- Based on **VIPAKA**

MADHURA VIPAKA is the same as *guru guna, Snigdha, guru, kapha vardhaka sukrala*. [14] Due to *Madhura vipaka, Angamarda, bhrama, raukshya* etc *vataj lakshana* will be reduced.

- Based on **VIRYA**

SITA VIRYA dose *prahladana vishyandaana, shtirakarana prasadana kledana jeevanani*

Kapha maruta krita [15] With the help of *sita virya, pittotth Lakshana* such as *daha, yonidaha, swedadhikya and glani* will be reduced.

- Based on **KARMA / PRABHAV** [16]

- *Vidarikanda, Kakmachi, Haritaki, Guduchi, Shankhapushpi, Ashwagandha, Shatavari* are having **Rasayani karma**, *Guduchi* has **Vayashtha karma**, *Vidarikanda, Guduchi, Shankhapushpi, Ashwagandha* are **Balada**, *Vidarikanda* is **Varnada**. *Shatavari* is **Pushtida**. *Vidarikanda* is **Jeevani**. *Shankhapushpi* is helpful in **Manas roga**. *Vidarikanda, patha Re Daha hanta*. *Haritaki, shankhapuspi, shatavari* are **Deepani**. *Vidarikanda, kakamachi, Ashwagandha* Re **Shukrada**. *Haritaki, mandukparni, shankhapuspi, shatavari* are having **Medhya effect**. *Mandukparni, shankhapushpi* are **Smritiprada**. *Aamalaki, shaalparni, Shatavari* are **Vrushya**. *Aamalaki, shaalparni, shatavari* are **Tridodhhara, and shankhpuspi is **Kantida**.**

- *Ela* added into this combination enhances taste and flavor and also dose *Agni deepana* by *ushna virya* and *katu rasa*. *Go ghrita* is *Yogavahai* and also dose *agni deepana* and gives luster to the skin. *Gud* (jaggary) promotes all over the health of women who are having menopausal Syndrome. *Anupana Go-Dugdha* also contributes to it. It also maintains serum calcium levels in the body.

7. CONCLUSION

Patient got tremendous result in menopausal syndrome by taking *Vidaryadi Rasayana Kalpa Granules* for 2 months of time duration. All dravyas having properties and action which can do *Samprapti Vighatana* of *Rajo Nivritti Avastha Janya Lakshan* and can give *Rasayana* effect as this combination has *rasayana dravyas* and *medhya rasayan dravyas*, so Anxiety, irritability, Sleep disturbances etc. reduced. *Dravyas* such as *Guduchi* and *Shatavari* are having phytoestrogen which acts same as natural phytoestrogen and helps to reduce vaginal dryness and dryness of skin specifically in this estrogen deprivation stage and helps to reduce menopausal syndrome. This combination dose *Medha*, *Dhee*, *Vayah sthirta* and it is *balaprada* as mentioned in *Phalashruti* of it. This Granules form is palatable, easy to consume and has no any adverse side effects, so working /non working any woman can consume it on a daily basis to reduce menopausal syndrome and to prevent health in menopausal age.

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- **Conflict of Interest :** Medicine was made in GMP certified parul Ayurveda Pharmacy.
- **Ethics Statement:** Certificate was obtained from Institutional Ethics Committee.

8. REFERENCES

- [1] Dutta D.C, Konar HIRALAL(editor), TEXTBOOK OF GYNECOLOGY (Sixth Edition). New Delhi, India: Jaypee Brothers Medical Publishers Ltd (P); November 2013.
- [2] Unni J. Third consensus ,meeting of Indian Menopause Society (2008): A summary. J Midlife Health. 2010;1(1):43-47. doi:10.4103/0976-7800.66987
- [3] Vaidya Jadavji Trikamji Acharya (ed). Sushruta Samhita of Sushruta with Nidana sangraha Commentary. Varanasi: Chaukhambha Surbharati Prakashan. Revised edition, 2012;p351
- [4] Anklesaria BS, Soneji RM. Reprint ed. New Delhi: Jaypee; 2006. "Risk-Benefit Balance" in Management of Menopause in Menopause Current Concepts by C.N. Purandare, Federation of Obstetric and Gynaecological Society of India; pp. 194-205.[[Google Scholar](#)]
- [5]ASTANGA HRIDAYAM OF Srimad Vagbhata by DR.Brahmanand Tripathi, Chaukhambha Sanskrita Prakashan, Delhi, Page no:1190.
- [6] International versions of the Menopause Rating Scale (MRS)Lothar AJ Heinemann, Peter Potthoff,and Hermann PG Schneider<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC183844/#S3>
- [7]INTERNATIONAL AYURVEDIC MEDICAL JOURNAL ISSN: 2320 5091 MENOPAUSAL SYMPTOMS AND PREDISPOSING AYURVEDA: A CONCEPTUAL STUDY Bushra Khanam1, Kamini Dhiman 1FinalYear PG Scholar, 2Associate Professor; Department of Prasuti Tantra & Stri Roga, All India Institute
- [8]AN AYURVEDIC MANAGEMENT OF RAJONIVRITTI JANYA LAKSHANA (MENOPAUSAL SYNDROME) Dasondi Ami M.
- [9] R. Vidhyanath Dyanath Charaka Samhita volume 1: Sutra sthana, Chaukhambha Prakashan, Varanasi, first edition 2018.
- [10] Dr. P.V. Tewari, Charak Samhita, sutra sthan, vol. 1 . Varanasi: Chaukhambha Vishwa Bharti first edition, 2016 reprint 2020, p444
- [11] [slok 9 ch 42]
- [12] G.D. Singhal, S.N. Tripathi, G.N. Chaturvedi, K.C. Chuneka, L.M. Singh, K.p. Singh prof ram Harsh Singh SUSRUTA-SAMHITA OF SUSRUTA PART 1 SUTRA & NIDAN STHANA, Chaukhambha sanskrita Pratishthan, Varanasi, Reprinted 2018, p 342 ,Tikta
- [13] G.D. Singhal, S.N. Tripathi, G.N. Chaturvedi, K.C. Chuneka, L.M. Singh, K.p. Singh prof ram Harsh Singh SUSRUTA-SAMHITA OF SUSRUTA PART 1 SUTRA & NIDAN STHANA, Chaukhambha sanskrita Pratishthan, Varanasi, Reprinted 2018Su.su p 492
- [14] Dr. P.V. Tewari, Charak Samhita, sutra sthan, vol. 1 ,Varanasi: Chaukhambha Vishwa Bharti first edition: 2016 reprint 2020, p773
- [15]G.D. Singhal, S.N. Tripathi, G.N. Chaturvedi, K.C. Chuneka, L.M. Singh, K.P. Singh prof. ram Harsh Singh SUSRUTA-SAMHITA OF SUSRUTA PART 1 SUTRA & NIDAN STHANA, Chaukhambha sanskrita Pratishthan, Varanasi, Reprinted 2018,Su p337
- [16] Pro. K.C.Chunekar, Gangasahay Pandey, Bhavprakash Nighantu , Chaukhambha Bharti , Varanasi , India, 2016 reprint 2020.

➤ Figure



[Figure 1 : Vidaryadi Rasayana Kalpa Granules]

➤ Tables

Vitals	Before treatment	1 st Follow up	2 nd Follow up	3 rd Follow up After treatment
Date	26/07/2022	26/08/2022	26/09/2022	27/10/2022
B.P	110/80 mmHg	118/84 mmHg	114/80 mmHg	120/86 mmHg
Pulse rate	78 / min	74 / min	86 / min	84 / min
SpO2	99%	99%	99%	99%
Temperature	Afebrile	Afebrile	Afebrile	Afebrile

(Table no : 1. Vitals with follow-up)

Sr. no.		Before Treatment	1 st Follow-Up	2 nd Follow-Up	3 rd Follow-Up
	DATE	26/07/22	26/08/22	26/09/22	27/10/22
1	Hot flashes, sweating (episodes of sweating)	3	1	1	0
2	Heart discomfort (unusual awareness of heart beat, heart skipping, heart racing, tightness)	3	1	0	0
3	Sleep problems (difficulty in falling asleep, difficulty in sleeping through the night, waking up early)	3	2	2	1
4	Depressive mood (feeling down, sad, on the verge of tears, lack of drive, mood swings)	2	2	0	0
5	Irritability (feeling nervous, inner tension, feeling aggressive)	3	2	1	1
6	Anxiety (inner restlessness, feeling panicky)	2	2	1	1
7	Physical and mental exhaustion (general decrease in performance, impaired memory, decrease in concentration, forgetfulness)	4	2	2	1
8	Sexual problems (change in sexual desire, in sexual activity and satisfaction)	3	1	1	1
9	Bladder problems (difficulty in urinating, increased need to urinate, bladder incontinence)	0	0	0	0
10	Dryness of vagina (sensation of dryness or burning in the vagina, difficulty with sexual intercourse)	0	0	0	0
11	Joint and muscular discomfort (pain in the joints, rheumatoid complaints)	2	1	1	1
	Total	25	14	09	06

(Table no. 2 : MRS (Menopause Rating Scale) Score [6] 2 with follow up

1 st Follow up : After 1 month with taking medicine
 2 nd Follow up : After 2 month with taking medicine
 3 rd Follow up : After 1 month without taking medicine)

Sr. No.	Dosha	Lakshana	Before Treatment	After Treatment
1.	Vataja Lakshana	-Shirah Shula	++	+
		-Sandhi Vedana	+	+
		-Hridspandanadhikya	+	-
		-Hasta-Pada Supti	+	-
		-Shabda Asahisnuta	++	+
		-Bhrama	+	-
		-Atopa	++	-
		-Vibandha	++	+
		-Alpanidra or Anidra	++	-
		-Katishula	+	-
		-BalaKshaya	+	-
2.	Pittaja Lakshana	Ushnaanubhuti	+++	-
		-Daha	+++	-
		-Yonidaha	+	+
		-Swedadhikyata	+++	-
		-Ratrisweda	+++	-
		-Trisha	+	-
		-Mutradaha	+	+
		-Glani	+	+
3.	Kaphaja Lakshana	Angamarda	+	-
		-Aalasya	+	+
		-Mandaagni	+	-

(Table no. 3 : Assessment according to Doshik involvement)

Investigation	Before Treatment	Before Treatment
Serum FSH (Follicle Stimulating Hormone)	54.8 mIU/ml	56 mIU/ml
Hb %	11.7 %	12.75 %
CBC	Within Normal Limit	Within Normal Limit
TSH	2.5 mIU/L	2.60
T3	1.00	0.98
T4	7.80	7.81
FBS	98 mg/dl	100 mg/dl
URINE ROUTIN MICRO	Within Normal Limit	Within Normal Limit
USG (abdomen and pelvis)		
Liver	Normal in size	Normal in size

Gall bladder	Normal	Normal
Both kidneys	Normal in size and shape	Normal in size and shape
Pancreas and spleen	Normal in Size	Normal in Size
Both kidneys	Normal in Size	Normal in Size
Uterus	Normal in Size	Normal in Size
Both Ovaries	Normal in Size	Normal in Size

(Table no . 4: Objective Parameters)