CHAPTER 12
APPENDIX

12.1 Case Record Form

GOVT. AYURVEDIC COLLEGE AND HOSPITAL
FACULTY OF MEDICAL SCIENCE
UNDER GAUHATI UNIVERSITY
JALUKBARI, GHY- 14

CASE RECORD FORM

Sub: A CLINICAL STUDY ON VRISHYA SATAVARI GHRIT IN
THE MANAGEMENT OF OLIGOSPERMIA.

Name of Scholar   Dr. Manashjyoti Sarma
Name of Guide     Dr. Bishnu Prasad Sarma

Clinical study no.
Name: Regd. No.:   OPD
Age:               IPD
Sex: Bed No.
Religion: Date of admission & time:
Occupation: Date of examination & time:
Marital status: Date of discharge & time:
Address:...........................................................................................................

Chief complaints:
  ➢ No issue since........................................... yrs.
Known case of ........................................... Since ........ month/ yrs.

Concern about semen quality

Associated complains: Loss of sexual desire/ Loss of penile erection / Premature ejaculation/ Orgasmic disorders/ Daurbalya/ Mukhasosa/ Aruchi/ Svarabhedha/ Angamarda/ Avipaka/ Pandu/ ........................................................

History of present illness: ..........................................................

History of past illness: Mumps/ orchitis/ hydrocele/ filarial scrotum/ Hypertension/Sastrakarma/ Prostatectemy/ Syphilis/ Inflammatory diseases of the genitalia/ Gonorrhoea/ Hypothyroidism/ Spinal cord injury and pelvic trauma/ ..........................................................

History of drug administration ...........................................................

Family History: ..................................................................................

Personal History: ...............................................................................

1. Diet : Vegetarian/ Non vegetarian
2. Appetite : Good/ Medium/ Poor
3. Power of Digestion : Good/ Ordinary/ Poor
4. Food habit : Regular/ Irregular
5. Bowel habit : Regular/ Irregular
6. Condition of bowel : Åma/ Pakwa
7. Sleep : Sound sleep/ Disturb sleep
8. Physical exercise : Mild/ Moderate/ Hard/ No
9. Type of work : Hard work/ Sedentary work/ Normal work/ No work
10. Addiction : Beetle nut/ cigarette/ tobacco/ Bhang/

   Alcohol/ Others/ No

11. Habitat : Urban/ Rural
12. Social relation : Good/ Not good
13. Psychological condition : Anxiety/ Stress/ Depression/ Normal
14. Sexual relation : Good/ Not good
15. History of exposure : Yes/ No
16. History of contraceptive : Condom/ Spermicidal jelly/ vasectomy/ Other/ No

17. Average monthly income in the family : Low/ Middle/ High
18. Education : Lower/ Middle/ Higher
19. Extra marital sex : Yes/ No
20. Pre-marital sex : Yes/ No
21. H/O masturbation: Before married/ After married/ Both/ No

Dasabidh Parikshā:

Prakriti: Vāta/ Pitta/ Slesmal/ Vāt- pittal/ Vāt- slesmal/ Pitta-slesmal/ samadhātu

Vikriti: Dosh: Vāt/Pitta/Kaph/Vāt- pitta/Vāt- kaph/Pitta-kaph/ Vāt-pitta-kaph

Sāra: Twaka/ Rakta/ Māmsa/ Meda/ Asthi/ majjā/ Sukra/ Satwa sarve-sāra/Sarvasarhin

Samhanan: Susamhanana/ Madhyama/ Asamhanana

Pramān: Pravar/ Madhyam/ Avar

Sātmya: Pravar/ Madhyam/ Avar

Satwa: Pravar/ Madhyam/ Avar

Ahārshakti: Abyavaharana: Pravar/ Madhyam/ Avar

Vyāmashakti: Pravar/ Madhyam/ Avar

Vayās: Bālabya (17-30 yrs.)/ Madhya (31-60 yrs.)

Astabidh Parikshā:

Nadi: Vata/Pitta/Kapha/Dwidoshaja/Sannipātaja

Pulse: ..........................

B.P. ..........................

Mala: Sāma/ Nirāma; Vibandha +/-; Mala drops in water +/-

Mutra: Varna ..........................

Samkhya..........................

Parimāṇa..........................

Phenila mutra (when urine passes in sitting position) +/-

Jīhwā: Sāma/ Nirāma

Sabda: Sravanashakti: Pravar/ Madhyam/ Avar

Sparsa: Sparsa gyān +/-

Drik: Sāmanya/Madhyama/ Alpa/Andhya

Akrīti: Ksheena/Daurbalya/Sthoola/Madhyam

Height:

Weight:

Body mass index (BMI) \( \frac{\text{Weight (kg)}}{\text{Height}^2 \text{(m)}^2} \) =

Physique: Obese (BMI>25)/ Non obese (BMI- 10 to 25)/Emaciated (BMI<10)

Systemic examination:

GIT:

RS:

CVS:
**Investigation Report:**

1. **Semen analysis - Total sperm count**
   - **Severe oligospermia**: ≤5 million/ml semen
   - **Moderate oligospermia**: >5 and ≤10 million/ml semen
   - **Mild oligospermia**: >10 and ≤20 million/ml semen
   - **Normal**: >20 million/ml semen

2. **Hormone analysis**: FSH, LH and total testosterone

3. **Assessment of sexual parameters**: [Grading by Mehra et al. (1995)]

<table>
<thead>
<tr>
<th>Sexual desire (libido)</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>No desire at all</td>
<td>0</td>
</tr>
<tr>
<td>Lack of desire</td>
<td>1</td>
</tr>
<tr>
<td>Desire in sex but no activity</td>
<td>2</td>
</tr>
<tr>
<td>Desire only on partner’s demand</td>
<td>3</td>
</tr>
<tr>
<td>Normal desire</td>
<td>4</td>
</tr>
<tr>
<td>Excess desire</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Erection</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>No erection by any method</td>
<td>0</td>
</tr>
<tr>
<td>Erection only on manipulation by partner</td>
<td>1</td>
</tr>
<tr>
<td>Erection but unable to penetrate</td>
<td>2</td>
</tr>
<tr>
<td>Erection, initial difficulty but able to penetrate</td>
<td>3</td>
</tr>
<tr>
<td>Erection with occasional failure</td>
<td>4</td>
</tr>
<tr>
<td>Erection normal when desire</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ejaculation</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>No ejaculation</td>
<td>0</td>
</tr>
<tr>
<td>Delayed ejaculation without orgasm</td>
<td>1</td>
</tr>
<tr>
<td>Ejaculation before penetration</td>
<td>2</td>
</tr>
<tr>
<td>Penetration but early ejaculation</td>
<td>3</td>
</tr>
<tr>
<td>Ejaculation with one’s own satisfaction</td>
<td>4</td>
</tr>
<tr>
<td>Ejaculation with both one’s own and partner’s satisfaction</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Orgasm</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>No enjoyment at all</td>
<td>0</td>
</tr>
<tr>
<td>Lack of enjoyment in most of the occasions</td>
<td>1</td>
</tr>
<tr>
<td>Enjoyment in only 25% of sexual encounters</td>
<td>2</td>
</tr>
<tr>
<td>Sl.No.</td>
<td>Assessment for oligospermia</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Total sperm count</td>
</tr>
<tr>
<td>2</td>
<td>FSH</td>
</tr>
<tr>
<td>3</td>
<td>LH</td>
</tr>
<tr>
<td>4</td>
<td>Total testosterone</td>
</tr>
<tr>
<td>5</td>
<td>Sexual desire</td>
</tr>
<tr>
<td>6</td>
<td>Erection</td>
</tr>
<tr>
<td>7</td>
<td>Ejaculation</td>
</tr>
<tr>
<td>8</td>
<td>Orgasm</td>
</tr>
</tbody>
</table>

**Complication:**

**Result:**

Signature of guide  Signature of Scholar