Results & observations

A total of 256 subjects were included in this study. The baseline demographics (age & gender) are shown in graph 1 & 2.

Graph 1

In current study, the ratio of male children (67%) was found to be more as compared to female children (33%).

Subjects were observed for developmental delay in all four areas. And following graph represents findings of involvement of subject in each area.

Graph 3

Graph 4
Results & observations

Delay in Language & Social Development.

Subjects having developmental delay in all four areas are termed as GDD.

All the included subjects were grouped under specific diagnosis, which is presented in graph 8. Those children who didn't fall into specific diagnosis are labeled as Developmental delay.
Results & observations

These children were observed retrospectively for various etiological factors from Ayurvedic perspective. Out of prenatal factors consanguinity, & H/O spontaneous abortion is observed in this study is expressed as follows.

Graph 9

<table>
<thead>
<tr>
<th>COANSANGUNITY (Base= 256)</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
</tr>
</tbody>
</table>

Graph 10

<table>
<thead>
<tr>
<th>H/O ABORTION (Base 256)</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
</tr>
</tbody>
</table>

Prenatal factors: Age of mother & age of father.

Graph 11

<table>
<thead>
<tr>
<th>AGE OF MOTHER (Base= 256)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BELOW 30</td>
</tr>
</tbody>
</table>

Graph 12

<table>
<thead>
<tr>
<th>AGE OF FATHER (Base= 256)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BELOW 30</td>
</tr>
</tbody>
</table>
Results & observations

Subjects were assessed for various Vata prakopak Aahar consumption by Garbhini.

Results are observed as follows.

Graph 13

MODIFICATION IN DIET HABITS
(Base = 256)

Graph 14

RUKSHA AAHAR
(Base= 256)

Vata prakopaka Aahar consumption by Garbhini.

Graph 15

ALPA AHAR SEVAN
(Base = 256)

Graph 16

SHEET AHAR SEVAN
(Base = 256)
Results & observations

Following are findings about Viharatmaka Hetu sevan in subject during Pregnancy.

Graph 17

![Graph 17](image1)

Graph 18

![Graph 18](image2)

Following are findings about Viharatmaka Hetu sevan in subject during Pregnancy.

Graph 19

![Graph 19](image3)

Graph 20

![Graph 20](image4)
Results & observations

Respondents were also subjected to Manasik bhav evaluation; results in percentage are as follows.

Graph 21

Graph 22

With Change in life style a few new factors were observed which are not directly written in text but can be correlated with some of the Hetu's described in text.

Television Watching/mobile screen activity is one such factor. It is a well know fact now that fetus can feel various activities like listening music done by mother.

It was observed that most of the mother had Television watching activity & majority of them were seeing Melodrama type daily shows, which may cause emotional disturbance in them. Hence this is considered as one indirect Manasika Bhava affecting factor. Those mother who have watched Television for more than 2 hrs/day for 5 days a week is considered as positive findings. & observed results are presented as follows.
**Results & observations**

Natal History Details observed in patients is represented as follows:

**Graph 23**

![Graph 23: Place of Birth](image)

**Graph 24**

![Graph 24: Maturity of Baby](image)

**Graph 25**

![Graph 25: Mode of Delivery](image)

**Graph 26**

![Graph 26: H/O Multiple births](image)
Results & observations

Post natal brain insult was assessed by following elements.

Graph 27

![Birth Weight Graph](attachment:image1)

I

Graph 28

![Birth Cry Graph](attachment:image2)

Post natal brain insult was assessed by following elements.

Graph 29

![Birth Asphyxia Graph](attachment:image3)

Graph 30

![NICU Admission Graph](attachment:image4)