

CHAPTER – 6
DATA EXTRACTION

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6 DATA EXTRACTION

6.1 DATA COLLECTION

Data collection was carried out by experienced persons from *Çagun* Pathology laboratories, Bhopal. Dr. Shailesh Mankar (BAMS) came for *Vāta Pitta Kapha* measurements. They were not given the information to which group a particular participant belonged – single blind. Most variables were measured only pre and post the study on days 0 and 90, but FBS, PPBS, SBP, DBP and pulse rate were also measured every 15 days throughout the intervention. Thus there were total seven measurements.

6.2 DATA SCORING All blood samples were analyzed at *Çagun* Pathology

laboratories in the city of Bhopal, again by personnel ignorant of the trial and the hypotheses behind the measurements.

6.3 DATA ANALYSIS

Data analysis, particularly the repeated measures ANOVA was carried out by SPSS-20 with the help of personnel at S-VYASA, supplemented for other tests by a combination of Excel and Graph Pad QuickCalcs by the author.

6.4 DATA EXTRACTION:

Raw data were entered into Excel Files, initially on a single sheet divided by different variables and different classes of variable. Miscopying errors were identified and eliminated, as were outliers, particularly for controls' final assessment. Means and standard deviations for pre and post were entered on the sheet for interest, as well as those for selected post minus pre differences. Certain variables for which such inspection revealed interesting anomalies were subject to post hoc analysis, which is being reported separately. Data were then entered into SPSS-20 for checking of normality, and performance of appropriate tests of statistical significance i.e. one

sample t tests, independent sample t tests, and where appropriate, equivalent non-parametric tests.