CHEMICAL ANALYSIS OF HEROIN

SAMPLES AND STATISTICAL ANALYSIS

OF SOCIAL DATA TO EXAMINE

THE IMPACT OF HEROIN

ON SRI LANKAN SOCIETY

BY

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ABSTRACT

This thesis contains of two parts.

The first part deals with the General Introduction to drug abuse in Chapter 1. Different types of narcotics are described in this chapter.

Chapter 2 deals with HEROIN (Diacetylmorphine). History of Heroin, effects sought by Heroin abuse, Health hazards of Heroin use, treatment and rehabilitation of Heroin addicts have been discussed. Illicit manufacture of Heroin has been discussed with special reference to drug trafficking.

Chapter 3 deals with the Heroin problem in Sri Lanka. Heroin situation in Sri Lanka during the period year 1993 to year 2003 is discussed to ascertain the magnitude of Heroin abuse in Sri Lanka.

Chapter 4 deals with experimental procedures and data collection for the laboratory research conducted. Analysis of 350 Heroin street samples were done during the research period. The percentages of Adulterants such as Paracetamol, Caffeine, Diazepam and Sugars were determined in 350 street samples. It was established that all 350 street samples of Heroin contained Paracetamol. The second highest adulterant was Caffeine and the third highest adulterant was diazepam. Sugars were traced at the lowest level. The Heroin percentage in all 350 samples were determined and it was traced that the lowest percentage of Heroin 0% was traced in Ratnapura town Heroin street samples and the highest percentage of 63% was traced in Pugoda town

area street samples. Also the Opiates in Heroin street samples were identified during the analysis and it was traced that Acetyl Codeine, Narcotine, O^6MAM, Papaverine, Thebaine and Codeine were traced in Heroin street samples analyzed during the research.

Chapter 5 deals with the determination of percentages of Heroin, Opiates and Adulterants in 350 street samples purchased from 12 administrative districts.

Second part of the thesis consisting Chapter 6 deals with Social aspects of Heroin abuse in Sri Lanka and the impact to Sri Lankan society of Heroin abuse. The legal aspects, drug seizures (No. of cases), Heroin related arrests by sex, by age, by districts and provinces have been discussed. Drug seizures by quantities also have been discussed. Distribution of Prison admissions by drug, Prison admissions by offence, Prison admissions of Male and Female, Treatment admissions by drug, Treatment admissions by sex, Treatment admissions by age, Treatment admissions by route of use also have been discussed in this chapter for the period year 1993 to year 2003. Relationship between Tourist Industry and Heroin in Sri Lanka, drug related deaths and crimes and Heroin street level prices also have been discussed.

Chapter 7 deals with the Conclusion, with special references to Male/Female involvements in Heroin abuse and trafficking, relationship between different age groups and Heroin related offences. Treatment admissions, Tourism and Heroin trade in Sri Lanka and drugs and crime relationship have been given special references.

Chapter 8 deals with the Recommendations with special references to National Policy, Introduction of precursor control laws and monitoring of Heroin trafficking by Sea Route. Also Court ordered treatment, use of methadone for treatment of Heroin addicts and establishment of a Modern National Rehabilitation Centre have been specially recommended.