Lethal Consequences of Heroin Addiction

By Lauren Gilmore

Drs. Hser, Hoffman, Grella, and Anglin at the Drug Abuse Research Center of UCLA, conducted a study which consisted of 581 male subjects who were both heroin addicts and criminal offenders. These subjects were first recruited for the study between the years 1962 and 1964, from a substance rehabilitation program. The researchers were interested in investigating long-term physical and behavioral, negative effects of heroin dependency.

In the year 1997, follow-ups were executed and the results were rather disturbing. According to the statistics, 49 percent of the original participants, 284 to be exact, were deceased. The 40 percent that were still living admitted to abusing heroin within the past 12 months, and less than 10 percent of the original participants were currently seeking methadone treatment.

When studying the death rates among men in the same age range, the heroin abusers' rate was 50 to 100 times more than the general population. Dr. Hser claims this is attributed to long-term addiction, as well as other obvious consequences such as physical problems, high arrest rates, and defiant behavior. When examining the causes of death, researchers found that the most common cause was drug overdose, which made up 21.6 percent. 19.5 percent died from a combination of homicide, suicide, or accidental death. Other causes included liver disease accounting for 15.2 percent, cancer at 11.7 percent, and cardiovascular disease at 11.7 percent as well.

Interviews conducted in 1996 and 1997 concluded that 135 (55.8-percent) participants of the 242 that survived had abstained from using. Fifty (20.7-percent) were current users, and 23 (9.5-percent) refused urinalysis testing. Thirty-four participants that were in jail during the interviewing session.

Dr. Hser reports that in any given year while the study was being conducted, approximately 10 percent of the participants were in treatment. Some were able to maintain abstinence, however, less than five percent achieved sobriety for a period of five years. Those who abstained for more than five years, fewer health and legal problems were reported and the majority of them were employed.
The participants in this study were all recruited from a corrections facility; therefore, the possibility of bias is evident. Despite the fact that the statistics may not accurately represent the general population, patterns exist. Many negative consequences, some lethal, result from chronic heroin use. Financial, legal, and medical problems are common among long-term users. In addition, the recovery rates for those attempt treatment are very low. Heroin is a powerful drug to overcome and most addicts end up relapsing numerous times. Researchers will continue to focus attention on addictive diseases in the hope that more preventative measures and successful treatments will result.

For further information regarding this article please contact the Maternal Substance Abuse and Child Development Project, Emory University School of Medicine, Department of Psychiatry and Behavioral Sciences, Emory West Campus, 1256 Briarcliff Road N.E., Suite 323-West, Atlanta GA, 30306. You can email us at msacd@listserv.cc.emory.edu, visit our website at http://www.emory.edu/MSACD, or phone us at 404-712-9800.

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References:
(Hser, Y-I; Hoffman, V.; Grella, C.E.; and Anglin, M.D. A 33-year follow-up of narcotics addicts. Archives of General Psychiatry 58(5);503-508, 2001.)