INTRODUCTION

MERCURY POISONING

Mercury Poisoning is a type of metal poisoning due to exposure to mureury.

They may include muscle weakness poor co-ordination numbrus in hands and feet. The above mentioned expentions are basic diesease caused due to nureury poisoning.

High level exposure to methylmercusy is known as MINAMATA. disease. Methyl mercury exposure in children may result in aerodypica (pink disease) in which the skin becomes pink and puls. Long terms of complications may include kidney problems and decreased intelligence. The effects of longton loss dose methylmercung exposure are unclear.

CAUSES OF MERCURY POISONING

The consumption of fish is by foor the most significant source of ingestion - related mercury exposure in humans, although plants and linestock also contain moreory due to bioconcentration of mercury from scarecter, fershneater, marine and lasustrine sedimento, soils and atomsphere and due to biomagnification by ingesting other Exposure to mercury can occur from breathing contaminated six from enting foods that have acquired nureway siridue during processing, from exposure to mercing rapour in mercing amalgam dental Instarations, and from impeople use or disposal of meeting and meeting. spills of elemental mercury or improper disposal of fluoroscent lamps. All of thise, except elemental liquid murely produce toxicity or death with less than a gram

PREVENTION OF POISONING Mercury poisoning can be prevented or exposure to mercury and mercury compands. Frinte groups and organisations have made efforts to heavily engulate the about it use for ugo, input from mescury compounds has been prohibited since 15 March 2010. The United States Environmental Protections Agency (EPA) issued recommendations in 2004 Ingalding exposses to mercury in fish and shell fish. The ElA also demloped the "Fish Kidd" awareness campaign for children and young adults on account of genater impact of mercury inposure to the population, Another method of preventing meaning and minameta diesease is cleaning of spilled moreoup.

CASE STUDY

MINAMATA (Ist OCCURENCE)

Minanata diesase near let dissovered in

Minamata city in Kumanoto preferture,

Japan in 1956. It was caused by the

release of methylmrenery in the industrial

maste nature from the chiso loseporation to

chemical factory, which continued from

1932 to 1968.

The highly toxic chemical bioaccumbated and biomagnified in shell fish and fish in the Minard bar. which was rater by the break population resulted in mercury poisoning, while death continued for 36 years, the government and company did little to please the property aminal effects were severe enough in rate that they came to be known as "dancing eat fine".

CONCLUSION

CHELATION THERAPY

thelation therapy for aute inorganic
mounty prisoning ran be done with
DMSA. 2,3- dimerapto -1- proponesulfonia avid
D-penicillamine, dinurcaped (BAL). Only
DMSA is FDA - approved for use in
However studies found no clinical benefit.
However studies found no clinical benefit.
No chilator for methylmercieny or
ethylmeenry is approved by the FDA.
DMSA is most frequently used for
swere methylmercury paiconing
given erally.
Chilatian threasur can be by
Chilation threapy can be hazardons if
administrand incorrectly. In August 2005
andderin's children's children
threapy qualted in cashing ass.