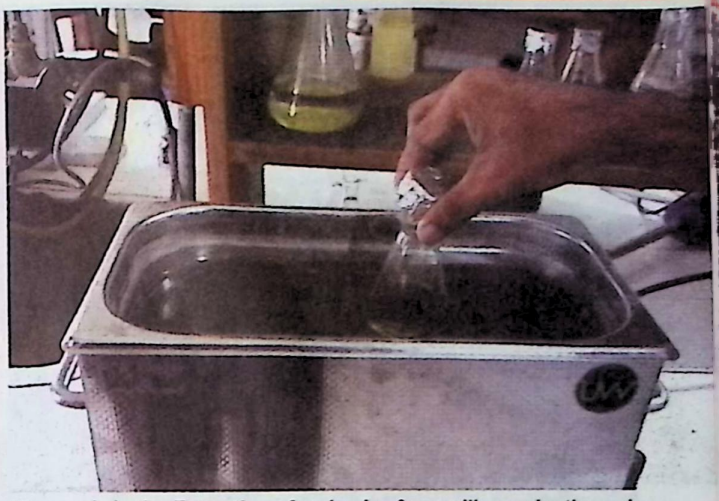
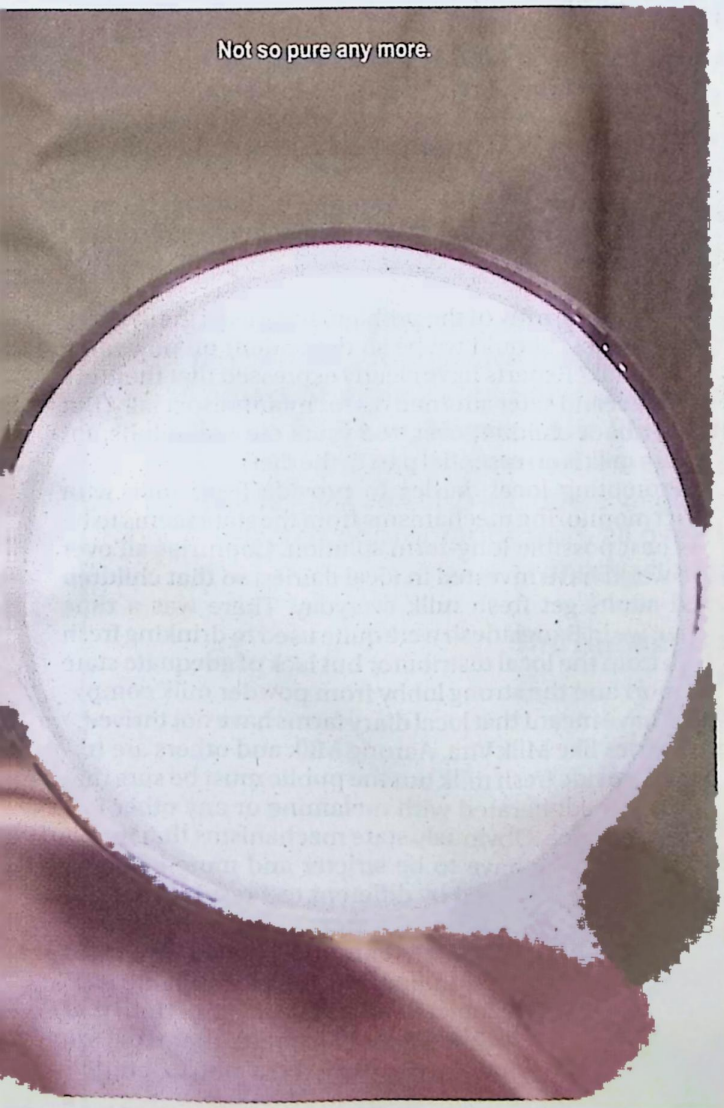


Freeze-dryer-- Drying liquid milk from a cow into powder form.



Ultrasonic bath-- Extraction of melamine from milk powder through ultra sonic process.



Child specialists meanwhile have a different solution for the public, especially for infants. They suggest avoiding powder milk altogether and opting for breastfeeding the baby till the age of two. Paediatricians recommend exclusive breastfeeding for the first six months and then breastfeeding and supplementary foods until the age of two.

Child specialist Abed Hossain Mollah, a professor of Dhaka Medical College Hospital says, "Even before detecting melamine in milk we advised the mothers not to feed their babies powdered milk. According to the Infant and Young Child Feeding (IYCF), the guideline formed jointly by WHO and Unicef, children below two years of age should never be fed any type of artificial milk. Along with breast milk, the child should be given natural food like khichuri, eggs and fruits."

The most compelling argument for milk is that it provides calcium essential for a child's growth and bone development. So if they cannot get good, pure milk, from where will they get the calcium? "Milk is not the only source of calcium," says Professor Mollah. "Other calcium sources such as fish, meat and chicken with khichuri are sufficient to provide the calcium.

Professor Mollah also suggests avoiding baby cereals and pasteurised milk and even available dairy milk for infants. He says, "Till six months age only breast milk is the food for should be given to infants. Not even water or baby cereals should be given, suggests IYCF. And there is every possibility of mixing toxic formaline and contaminated water with dairy milk. Then why should the risk be taken?"

"Sometimes the mothers add shuji with milk to feed the babies considering that the food will be kept in the stomach for a long time and the babies will not cry. In fact, it's a total misconception. This type of food contains higher carbohydrate and lower protein, which increases the water level in the babies' body and subsequently they become weak and sick. If only this type of food is given to