Preservation of blood, Vrine Bloods > Fostmostem Blood sperimens are vollected from suew Chypodermic needle or syringe ]. -> sites: heart and ferisheral. > No autobsy - Feri, aus beth.

> In Suspected beisening death on in unknown dases, zemoral blood sperimen should be rollected. [20 ml of blood is sufficient]. Treserved om Sodium fluoride CNaf I

\* add somt Naf to the collection Container.

\* It inhibits micro-organismic or chemical Anticogulant - O Patausium onalat 6.
30 mg/bml. 3 Sodium citrate 5 mg/ml one without pruservative - less stable compand @ EDTA in the container, De Stored in tightly sealed container at low temp. [46] The low temp. inhibit bacterial growth of Ageneraly slow rear kinetics such as conversion of ethanol to acetaldelyde

in the blood. in the blood.

These specimens should be staxed sealed at 4°c until testing is completed extend then for frozen at -20°c if long texts.

Stage is required. Peripheral blood Specimens are usually obtained from the femoral vein.

Leg veins are preferred to Veins of the head & neck due to the anatomical bresence of a large no of Valves that ruit blood movement from the intestines. If blood clots, then it should be collected in case of head trauma. \* Heart to obtain a broper Cardiac specimen,
the pericardial sack must be observed, the
bericardium removed, the heart is dored & blood specimen & removed by syringe to Blood from the right Chamber is profesable Many a times, blood specimens tend to be contaminated by s contain a total large no of microbes. -) Additional Contamination, from gastric contents u also pasible. Jhoracic & abdeminal cavity blood should be called for analysis only it blood ox uncontaminated blood to cannot be callected from Esta Ethylene di a mine fetraceticació any other area.

(D) UN 7 6.3-During autobsy, wrine specimens should be taken directly from the bladder by insertion of Mean new hypodermic needle into bladder. > Fox non-autobsied cases, needle may be inserted directly through the lower abdominal wall; Just above bubic symphysis.

[100 ml of yoine should be collected]. De aspirated from the bladder & yeter. -> Bladder Washings using a minimum amount of clean water would be disirable in the absence of any urine.

Lusing suction bower to draw something out of
the body - expirate'. I Vine specimen is of great value even in small amount especially in screening of unknown, dung & boison, particularly substance of about time since the concor care generally higher than in blood & a no- of metabolites may also present. Voire efecimen are also Valuable in the guantité analysis of alcohol, where there is uncertainity over the Validity of a blood specimen.

=) I ml of conc. Ucl ox loomg. of tym thymolox 100 mg of Maf can be used for 10 ml Urine as a preservative. The usine matrix is generally devoid of virculating serum, broteins, librids, so where selected large molecular weight compound due to the repal filteration process. Simplifying breparation of the specimen for simplifying breparation of the specimen for analysis. The accumulation of drugs smetabolic in wine results in relatively high drug continuing detection of an exposure to a fetential foison. 7) A sample of 20 ml is sufficient for tonicological analysis: It has to be preserved in Maf Lungland in 30 ml glass container with as Screw cap.