Numerous studies have demonstrated that alcohol have damaging short as well as long-term impacts; yet a few individuals drink unnecessarily without minding any of these harmful effects [1]. Endless reasons have come up, when a survey was made on reasons for why most of the people drink but none of them are aware of the actual reason that forces them to become alcoholics.

Any individual may accept that he is drinking due to one reason while actually he would be doing it for a complete diverse reason that he is not aware of. The greater part of us enjoys a beverage every so often, at home or when we get together with companions [2-6]. Yet, would you say you are drinking more than you might suspect? 28% of Scottish men drink 3 or more times a week1. Men drink more than ladies and obviously therefore, men endure all the more illnesses. A study has discovered that men have a tendency to drink when they feel furious and ladies encounter more depressive feelings the day following drinking [7-10].

Scientifically, the average woman weighs less than the average man and so the women have less tissue to absorb alcohol [12, 13]. Likewise, women have a proportionally higher ratio of fat to water than men. This indicates that the women are less capable to dilute alcohol inside the body [14-18]. So when they drink the same measure of alcohol, ladies will wind up with a higher amassing of alcohol in their blood than men.

**How Alcohol effect male health??**

The male reproductive system comprises of the hypothalamus, the front pituitary organ, and the testes. Alcohol can meddle with the capability of each of these parts, consequently creating impotence, infertility and decreased secondary sexual characters [19-21]. Many recent studies have concluded that heavy alcohol consumption have adverse effects on testes where it reduces the testosterone hormone secretion, reduced functioning of sertoli cells, delayed sperm maturation and may more. Alcohol consumption can even interfere with hormone production in the hypothalamus.

However, alcohol when consumed in moderate or lesser quantities does not affect male fertility. But, consumption of alcohol in excessive portions affects the hormonal axis and has negatively affects the gonads. It additionally causes related liver dysfunction and nutrition deficiencies, which in turn effects sperm production [22].
Male infertility has numerous reasons - from hormonal irregularities to mental or behavioral changes. In addition, fertility of a man mirrors a man's "general" wellbeing and overall health. Men who carry on with a solid way of life are more inclined to produce healthy sperm [23]. Drinking only five units of alcohol consistently could lessen the sperm quality, quantity as well as motility. More the alcohol devoured; weaker will be the nature of the sperm.

Many studies have proved that alcohol abuse in men can cause decrease in testosterone production and shrinkage of the testes (i.e., testicular atrophy) [24]. Those changes can result in impotence, infertility, and reduced male secondary sexual characteristics (e.g., reduced facial and chest hair, breast enlargement, and a shift in fat deposition from the abdomen to the hip area) [25]. It leads to loss of libido. It can also damage the quality, structure and movement of sperm by stopping the liver from properly metabolizing vitamin A, which is needed for sperm development. For example, in a classic study by Lloyd and Williams (1948), 72 percent of men with advanced alcoholic Cirrhosis exhibited decreased libido and sexual potency. Alcohol malicious impacts on the testosterone-delivering Leydig cells, the Sertoli cells, and even on the posterity of alcohol ingesting males.

Alcohol may harm a portion of the proteins needed for sperm cell creation that the Sertoli cells. Alcohol consequences may effect on Anterior Pituitary Gland by changes in the levels of the pituitary hormones LH and FSH. Alcohol may influence LH levels by acting straightforwardly on the pituitary organ as well as on the hypothalamus. The absence of an increment in LH levels as a rule suggested that alcohol acted on the testes as well as on the hypothalamus and/or the pituitary organ.

Appropriately, alcohol likely meddles with one or more occasions that happen inside of the cell after GnRH has appended to its receptor. Analysts have distinguished one such response. For GnRH to fortify the generation and arrival of LH adequately, a chemical called protein kinase C must move from inside of the LH-creating cell to the phone's surface. Alcohol has been shown to prevent this movement of protein kinase C.

It impacts on FSH Production and Activity. FSH impacts the action of the testicular Sertoli cells, which support sperm cell advancement and development. Both decreased quantities of sperm and anomalous sperm structures have been found in men with histories of overwhelming drinking. Those adjustments in sperm development may be connected with the diminished fertility reported in alcohol abusing men.

Paternal Alcohol Use and Fetal Development

Paternal alcohol utilization may influence a man's fertility as well as the advancement of his offspring. Alcohol’s effect on fetal result is hard to evaluate in people, not withstanding, in light of the fact that con-establishing issues (e.g., other medication ill-use or smoking) frequently are included. Also, in numerous couples the man as well as his female accomplice misuses alcohol or different medications, further confusing the examination of the impacts of fatherly alcohol utilization on fetal improvement. Thus, the results of fatherly alcohol ingestion on fertility and resulting fetal anomalies have been considered in rats. In those studies, male rats that had not been already presented to alcohol got a solitary moderate or high alcohol measurements 24hours preceding mating. Despite the fact that alcohol organization did not influence mating conduct, it did result in lessened conception weights in the pups and decreased litter sizes. Those discoveries recommend that intense fatherly alcohol ingestion could unfavorably influence the result of the descendants.

CONCLUSION
Finally, there has been good news, that the harmful effects of heavy drinking are reversed once you cut down on alcohol. Heavy drinking can affect sexual relationships. The current recommended guidelines on safe drinking recommend no more than three to four units of alcohol per day. Drinking within these limits is unlikely to affect the quality of your sperm, so try to make this your maximum. Remember that one unit is the equivalent of half a pint of lager, a small glass of wine or a 25ml measure of spirits.

REFERENCES