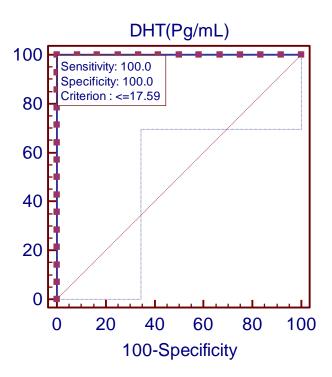


**Figure (2):** ROC curve analysis revealed that AUC of 1 for serum testosterone (95% CI: 0.868 to 1, P<.001). The optimal sensitivity and specificity were (100% and 100% respectively at a cutoff expression value  $\le 0.15$ ).



**Figure (3):** ROC curve analysis revealed that AUC of 1 for serum DHT (95% CI: 0.868 to 1, P<.001). The optimal sensitivity and specificity were (100% and 100% respectively at a cutoff expression value  $\leq$ 17.59).