

IV. CONCLUSION

Any defect in insulin signaling pathway can lead to insulin resistance. Alterations in the protein levels and activities of the signaling molecules, enzymes and transcription factors can affect insulin signaling pathway when obesity associated insulin resistance is present. Anthropometric markers of obesity still play an important role in risk assessment of insulin resistance and type 2 diabetes mellitus. These measures are satisfactory enough to apply in risk assessment of general population. Assessment of body fat distribution using modern techniques have been able to aid identifying the pathogenic process of insulin resistance and further development of T2DM and other cardiovascular events. But still, there is more to understand the pathogenic process of this disease since obesity is considered as only one risk factor among many involved in the process. Apart from the body fat content, body fat distribution and different body fat depots, research interests have drifted towards properties of fat cells and ectopic fat distribution in order to understand the pathogenic process of insulin resistance and subsequent development of metabolic syndrome and type 2 diabetes mellitus. Analyze and understand all the provided review comments thoroughly. Now make the required amendments in your paper. If you are not confident about any review comment, then don't forget to get clarity about that comment. And in some cases there could be chances where your paper receives number of critical remarks. In that cases don't get disheartened and try to improvise the maximum.

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