

## *LIST OF CONTENT*

1. Introduction	1
2. Aim of the work	4
3. Review of literature	
• Insulin-Like Growth Factors	5
• Pathophysiology and aetiology of Polycystic ovarian disease	30
• Endocrine Profile In Polycystic Ovarian Disease	40
• Clinical features of polycystic Ovarian disease	45
• Insulin resistance and polycystic Ovary syndrome	49
• Treatment Of PCOS	55
• N- Acetyl Cysteine (NAC)	62
4. Patients and methods	66
5. Results	73
6. Discussion	83
7. Summary and conclusion	88
8. References	91
9. Arabic summary	118