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	<b>Diploma</b>
<b>Thesis Title</b>	<b>Prevalence of Low Back Pain among Obese Patients Attending Obesity Research and Therapy Unit in Al-Kindy College of medicine</b>
<b>Year</b>	2015-2016
<b>Abstract</b>	<p><b>Background:</b> Obesity is nowadays a pandemic condition. Obese subjects are commonly characterized by musculoskeletal disorders and particularly by non-specific LBP. However, the relationship between obesity and LBP remain to date unsupported by an objective measurements of mechanical behavior of spine and it is morphology in obese subjects.</p> <p><b>Aim of study:</b></p> <ol style="list-style-type: none"> <li>1- Prevalence of LBP in obese patients.</li> <li>2- Association between LBP and obesity.</li> <li>3- Relation of LBP and different factors (gender, age, height, weight, job, sleeping pattern, hypertension, DM, asthma, RA, education, smoking and steroid use).</li> </ol> <p><b>Method:</b> The study was conducted in obesity research and therapy unit in Al-kindy college of medicine during the academic year 2015-2016. A crosssectional study design using questionnaire form distributed to patients attending this place. A questionnaire used consists of 11 items relevant to variable associated obesity and LBP.</p> <p><b>Results:</b> The study showed that prevalence of LBP in obese patients 50% in study sample (100 cases). There is a significant relation between body weight and LBP p-value (0.039), also there is relation between DM and LBP p-value (0.004), there is a significant relation between BMI and gender, hypertension, education.</p> <p><b>Conclusion:</b> Obesity predisposes to hypertension, DM, other cardiovascular disease and musculoskeletal disease. So, awareness of weight reduction and life style modification, exercise, healthy diet, further study are needed to determine relation of LBP and BMI.</p> <p><b>Key words:</b> obesity, low back pain, body mass index, age, gender.</p>