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*Esophageal varices in patients with cirrhosis:
Role of multidetector CT esophagography -
Correlation with endoscopy*

THESIS

*Submitted for the partial fulfillment of
M.D. degree in Radiodiagnosis*

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- ٢ - قائمة الأشكال.
- ٣ - المقدمة و الهدف من البحث.
- ٤ - مراجعة لموضوع البحث.
 - أ - التشریح.
 - ب - الباثولوجيا.
 - ج - طرق الفحص.
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- ١١ - الملخص العربي.

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List of abbreviations

- **%: Percent.**

- **": Inch.**

- **/: Per.**

- **<: Less than.**

- **>: More than.**

- **±: More or less.**

- **2D: Two Dimensional.**

- **3D: Three Dimensional.**

- **A-II: Angiotensine II.**

- **Ag: Antigen.**

- **ALT: Alanine aminotransferase.**

- **AMA: Anti-Mitochondrial Antibodies.**

- **ANA: Antinuclear Antibodies.**

- **AST: Aspartate aminotransferase.**

- **BCS: Budd-Chiari Syndrome.**

- **CBC: Complete Blood Count.**

- **CCD: Charged coupled device.**

- **CO: Cardiac Output.**

- **CP: Cricopharyngeus.**

- **CT: Computed Tomography.**

- **CTA: Computed Tomographic Angiography.**

- **CTP: Child-Turcott-Pugh.**

- **d: Deci.**

- **DNA: Deoxyribonucleic acid.**

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- ***EDG: Esophagogastroduodenoscopy.***
 - ***EDNRB: Endothelin Receptor type B.***
 - ***ERCP: Endoscopic Retrograde Cholangio-pancreatography.***
 - ***ET: Endothelin.***
 - ***fMRI: functional Magnetic Resonance Imaging.***
 - ***g: Gram.***
 - ***GGT: Gamma-glutamyl transpeptidase.***
 - ***GIT: Gastrointestinal Tract.***
 - ***HBc: Hepatitis B core.***
 - ***HBe: Hepatitis B envelope.***
 - ***HBsAg: Hepatitis B surface antigen.***
 - ***HBV: Hepatitis B virus.***
 - ***HCV: Hepatitis C virus.***
 - ***Hg: Mercury.***
 - ***HVPG: Hepatic Venous Pressure Gradient.***
 - ***Hz: Hertz.***
 - ***ICC: Interstitial Cells of Cajal.***
 - ***INR: International Normalization Ratio.***
 - ***IPH: Idiopathic Portal Hypertension.***
 - ***IVC: Inferior Vena Cava.***
 - ***l: Liter.***
 - ***LES: Lower Esophageal Sphincter.***
 - ***LN: Lymph Node.***
 - ***μ: Micro.***
 - ***MB: Mega byte.***
 - ***MDCT: Multi-detector Computed Tomography.***
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- ***MELD: Model for End Stage Liver Disease.***
 - ***MIP: Maximum Intensity Projection.***
 - ***mm.: Millimeter.***
 - ***mol: Molecule.***
 - ***MRA: Magnetic Resonance angiography.***
 - ***MRCP: Magnetic Resonance Cholangio-pancreatography.***
 - ***MSCT: Multi-slice Computed Tomography.***
 - ***Na: Sodium.***
 - ***NASH: Non-alcoholic steatohepatitis.***
 - ***NE: norepinephrine.***
 - ***OV: Esophageal Varices.***
 - ***PET: Positron Emission Tomography.***
 - ***PH: Portal Hypertension.***
 - ***RNA: Ribonucleic acid.***
 - ***s.: Second.***
 - ***SBP: Spontaneous Bacterial Peritonitis.***
 - ***Si: Silicon.***
 - ***SSD: Shaded Surface Display.***
 - ***SVC: Superior Vena Cava.***
 - ***TIPS: Transjugular Intrahepatic Porto-systemic Shunts.***
 - ***TV: Television.***
 - ***UES: Upper Esophageal Sphincter.***
 - ***UNOS: United Network for Organ Sharing.***
 - ***US: Ultra-sound.***
 - ***v.: Vein.***
 - ***VP: Vasopressin.***
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- *Vs.: Versus.*
 - *WHVP: Wedged Hepatic Venous Pressure.*
 - *Xe: Xenon.*
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