

XII NATIONAL MEETING OF THE
MEXICAN ASSOCIATION OF HEPATOLOGY

June 21-24, 2017. Merida, Yucatan, Mexico

I. MOLECULAR AND CELLULAR BIOLOGY

01
ANTIOXIDANTS AND ANTIFIBROTICS PROPERTIES
OF N-ACETYLCYSTEINE IN THE EXPERIMENTAL
LIVER DAMAGE REVERTION

GALICIA-MORENO M,* MONROY-RAMÍREZ HC,* ARAUZ J,*
MURIEL P**

*DEPARTAMENTO DE FARMACOLOGÍA, FACULTAD DE MEDICINA MEXICALI,
U.A.B.C., MEXICALI, B.C. MÉXICO.

**DEPARTAMENTO DE FARMACOLOGÍA, CINVESTAV-IPN, CIUDAD DE
MÉXICO, MÉXICO.

02
PROTECTOR EFFECT OF HGF IN INTRAHEPATIC
CHOLESTASIS

SALAS-SILVA S,* SIMONI-NIEVES A,* BELLO-MONROY O,*
BUCIO-ORTÍZ L,* ROMA M,** GÓMEZ-QUIROZ LE,*
GUTIÉRREZ-RUIZ MC*

*DEPARTAMENTO DE CIENCIAS DE LA SALUD, UNIVERSIDAD AUTÓNOMA
METROPOLITANA IZTAPALAPA, CIUDAD DE MÉXICO, MÉXICO.

**INSTITUTO DE FISIOLÓGIA EXPERIMENTAL, FACULTAD DE CIENCIAS
BIOQUÍMICAS Y FARMACÉUTICAS, UNIVERSIDAD DE ROSARIO, ARGENTINA.

03
HEPATIC EXPRESSION OF INTERLEUKIN-6 (IL-6) IN
A MURINE MODEL OF HEPATIC FIBROSIS INDUCED
BY THIOACETAMIDE

BAUTISTA-UBALDO MG,* ARÉVALO-SÁNCHEZ TA,*
RAMÍREZ-MENDOZA A,* KERSHENOBICH D,**
GUTIÉRREZ-REYES G,* GUZMÁN C*

*LABORATORIO DE HÍGADO, PÁNCREAS Y MOTILIDAD, UNIDAD DE MEDICINA
EXPERIMENTAL, FACULTAD DE MEDICINA, UNAM/HOSPITAL GENERAL DE
MÉXICO, MÉXICO.

**INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR
ZUBIRÁN", CIUDAD DE MÉXICO, MÉXICO.

04
ASSESSMENT OF CONNECTIVE TISSUE GROWTH
FACTO (CTGF) IN A MURINE MODEL OF LIVER
FIBROSIS INDUCED BY BILE DUCT LIGATION

ARÉVALO-SÁNCHEZ TA,* BAUTISTA-UBALDO MG,*
RAMÍREZ-MENDOZA A,* GARCÍA-REBOLLAR JO,**
DÍAZ-HERRERA G,** KERSHENOBICH D,**
GUTIÉRREZ-REYES G,* GUZMÁN C*

*LABORATORIO DE HÍGADO, PÁNCREAS Y MOTILIDAD, UNIDAD DE MEDICINA
EXPERIMENTAL, FACULTAD DE MEDICINA, UNAM/HOSPITAL GENERAL DE
MÉXICO, MÉXICO.

**INSTITUTO DE INVESTIGACIONES BIOMÉDICAS, UNIDAD DE MODELOS
BIOLÓGICOS, UNAM, MÉXICO.

***INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR
ZUBIRÁN", CIUDAD DE MÉXICO, MÉXICO.

II. CIRRHOSIS AND ITS COMPLICATIONS

01
MALNUTRITION AS AN ADVERSE PROGNOSTIC
FACTOR RELATED TO INCREASE IN THE
MORTALITY RISK AT TWO-YEAR FOLLOW-UP IN
PATIENTS WITH CIRRHOSIS. A PROSPECTIVE
STUDY

HIGUERA-DE LA TIJERA F,* ROJAS-LOUREIRO G,*
SERVÍN-CAAMAÑO AI,** CAMACHO-AQUILERA J,**
LÓPEZ LADRÓN-DE GUEVARA V,* MACÍAS-ÁNGELES Y,*
PÉREZ-HERNÁNDEZ JL*

*GASTROENTEROLOGY DEPARTMENT/LIVER CLINIC. **INTERNAL MEDICINE
DEPARTMENT. HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA",
MEXICO CITY, MEXICO.

02
P300 POTENTIALS EVOKED BY AUDITORY
STIMULATION (A Y B) FOR DIAGNOSIS OF MINIMAL
HEPATIC ENCEPHALOPATHY

PÉREZ HERNÁNDEZ J,* HIGUERA DE LA TIJERA F,*
PÉREZ SOTO F,* SERVIN CAAMAÑO A,* DURAN MEZA H,**
JIMENEZ CORREA U,** SANTANA VARGAS D**

*GASTROENTEROLOGY/LIVER CLINIC.

**SLEEP DISORDERS CLINIC, HOSPITAL GENERAL DE MÉXICO "DR.
EDUARDO LICEAGA" CIUDAD DE MÉXICO, MÉXICO.

03
RETROSPECTIVE ANALYSIS OF THE EFFICACY AND
SAFETY OF TERLIPRESSIN PLUS VARICEAL
LIGATION VERSUS OCTREOTIDE PLUS VARICEAL
LIGATION IN PATIENTS WITH ACUTE VARICEAL
BLEEDING

CASTILLEJOS-GARCÍA KJ,* LÓPEZ-COLOMBO A,**
MENDOZA-TORRES MA***

*GASTROENTEROLOGÍA, HOSPITAL GENERAL DE ZONA NÚM. 2
TULANCINGO, HIDALGO, MÉXICO.

**DIRECCIÓN DE EDUCACIÓN E INVESTIGACIÓN EN SALUD,

***DEPARTAMENTO DE GASTROENTEROLOGÍA UMAE HOSPITAL DE
ESPECIALIDADES PUEBLA CMN MANUEL ÁVILA CAMACHO, MÉXICO.

04
COMPARATION OF TWO PROPHYLACTIC ANTIBIOTICS FOR SPONTANEOUS BACTERIAL PERITONITIS IN PATIENTS WITH CIRRHOSIS AND ASCITIS: RIFAXIMINE VS. CIPROFLOXACINO (preliminary report)

GARCÍA-GONZÁLEZ E, ACOSTA-GÓMEZ M, FRANQUEZ-FLORES B, GONZÁLEZ-HUEZO M
 DEPARTAMENTO DE GASTROENTEROLOGÍA Y ENDOSCOPIA GASTROINTESTINAL. INSTITUTO DE SEGURIDAD SOCIAL DEL ESTADO DE MÉXICO Y MUNICIPIOS; CENTRO MÉDICO ISSEMYM, METEPEC, ESTADO DE MÉXICO. MÉXICO.

05
CLINICAL CHARACTERISTICS OF PATIENTS WITH ACUTE-ON-CHRONIC LIVER FAILURE

ALZÚA-PICHARDO E, MACIAS-ÁNGELES Y, HIGUERA-DE-LA-TIJERA F, PÉREZ-HERNÁNDEZ J, LÓPEZ-LADRÓN-DE-GUEVARA V.
 DEPARTMENT OF GASTROENTEROLOGY, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", CIUDAD DE MÉXICO. MÉXICO.

06
EFFECTIVENESS AND SAFETY OF COMBINES TREATMENT WITH TERLIPRESIN AND ESOPHAGEAL BAND LIGATION IN PATIENTS WITH VARICEAL HEMORRHAGE

ALZÚA-PICHARDO E, HIGUERA-DE-LA-TIJERA F, MELÉNDEZ-ANDRADE J, TRÓCHEZ-MEJÍA C, LÓPEZ-PÉREZ RY, PÉREZ-HERNÁNDEZ J
 DEPARTMENT OF GASTROENTEROLOGY, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", CIUDAD DE MÉXICO. MÉXICO.

07
HEPATIC ENCEPHALOPATHY OF MINIMUM CHANGES AND COGNITIVE ALTERATIONS IN ELDERLY ADULTS WITH HEPATIC CIRRHOSIS

SANTANA VARGAS D,* HIGUERA DE LA TIJERA F,** PÉREZ SOTO F,** DURÁN MEZA H,* FORONDA C,* PÉREZ HERNÁNDEZ J**
 *SLEEP DISORDERS CLINIC.
 **GASTROENTEROLOGY/LIVER CLINIC, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA" CIUDAD DE MÉXICO. MÉXICO.

08
COMPARISON BETWEEN CORPORAL COMPOSITION EVALUATED BY CONVENTIONAL BIOIMPEDANCE AND VECTORIAL ANALYSIS, WITH HEPATIC STEATOSIS MEASURED BY ELASTOGRAPHY AMONG CIRRHOTIC PATIENTS

GASCA PONCE-M, GARCÍA CEDILLO-F, ESPINOSA CUEVAS M, CASTRO NARRO-G, LÓPEZ MÉNDEZ-E
 DEPARTAMENTO DE GASTROENTEROLOGÍA, INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN SALVADOR ZUBIRÁN, CIUDAD DE MÉXICO. MÉXICO.

09
NONSELECTIVE β -BLOCKERS EFFECT IN DECOMPENSATED CIRRHOSIS AND ACUTE KIDNEY INJURY

GUERRERO-CABRERA JP, DOMÍNGUEZ-WAKIDA AJ, SÁNCHEZ-ÁVILA JF, LÓPEZ-MÉNDEZ EE.
 GASTROENTEROLOGY DEPARTMENT, INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN", MEXICO CITY. MEXICO.

10
EVALUATION OF ANXIETY AND DEPRESSION IN PATIENTS WITH LIVER CIRRHOSIS HOSPITALIZED IN HOSPITAL GENERAL DE MÉXICO

TRÓCHEZ-MEJÍA C, RÁBAGO-ESCOTO R, FÚNEZ-MADRID V, PEÑA-HERRERA D, MAYORGA-MARÍN T, HIGUERA-DE LA TIJERA F, PÉREZ-HERNÁNDEZ J
 SERVICIO DE GASTROENTEROLOGÍA, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", CIUDAD DE MÉXICO. MÉXICO.

11
FREQUENCY OF UPPER GASTROINTESTINAL BLEEDING RELATED TO PORTAL HYPERTENSION DURING A SEMESTER IN A CENTER OF REFERENCE

TRÓCHEZ-MEJÍA C, RÁBAGO-ESCOTO R, MAYORGA-MARÍN T, MACÍAS-ANGELES Y, HIGUERA-DE LA TIJERA F
 SERVICIO DE GASTROENTEROLOGÍA, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", CIUDAD DE MÉXICO. MÉXICO.

12
IMPACT OF INFECTIONS ON THE MORTALITY OF PATIENTS WITH LIVER CIRRHOSIS

VÁZQUEZ-ANAYA G, DÍAZ-HERNÁNDEZ HA, RODRIGUEZ-PEREZ PA, VÁZQUEZ-DELGADILLO A, PINEDA-DEPAZ M, CASTRO-NARRO GE
 DEPARTAMENTO DE GASTROENTEROLOGÍA, INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN". MÉXICO.

13
ASOCIATION BETWEEN DYSGEUSIAS, QUALITY OF LIFE AND NUTRIENT CONSUMPTION IN PATIENTS WITH CIRRHOSIS

JUÁREZ-HERNÁNDEZ E, LÓPEZ-SÁNCHEZ GN, CHÁVEZ-VELÁZQUEZ J, URIBE M, CHÁVEZ-TAPIA NC
 TRANSLATIONAL RESEARCH UNIT, MEDICA SUR CLINIC & FOUNDATION, MEXICO CITY, MEXICO.

14
HOSPITALIZATION SECONDARY TO INFECTION AS A PRINCIPAL CAUSE OF MORTALITY IN PATIENTS WITH LIVER CIRRHOSIS

MUÑOZ-MARTÍNEZ S, GUERRERO-CABRERA P, LÓPEZ-MÉNDEZ E
 DEPARTMENT OF GASTROENTEROLOGY, INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN" (INCMNSZ), MEXICO CITY. MEXICO.

15
FREQUENCY OF ZINC DEFICIENCY IN A PATIENT WITH CIRROSIS AND HEPATIC ENCEPHALOPATHY MANIFESTA IN EVALUATION FOR ORTHOPEDIC HEPATIC TRANSPLANTATION OF THE NATIONAL INSTITUTE OF MEDICAL SCIENCE AND NUTRITION

VÁZQUEZ-DELGADILLO A, PINEDA-DEPAZ MR, VÁZQUEZ-ANAYA G, DÍAZ-HERNÁNDEZ HA, CASTRO-NARRO GE
 DEPARTMENT OF GASTROENTEROLOGY, INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN", MEXICO CITY, MEXICO.

16
CAUSAL MICROORGANISMS OF BACTERIAL PERITONITIS IN PATIENTS WITH CHRONIC HEPATIC INSUFFICIENCY COMPLICATED WITH BACTERIAL PERITONITIS

MELÉNDEZ-ANDRADE J, RÁBAGO-ESCOTO R, HIGUERA-DE LA TIJERA F, PÉREZ-HERNÁNDEZ J
 SERVICIO DE GASTROENTEROLOGÍA, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", CIUDAD DE MÉXICO, MÉXICO.

17
SECONDARY VARICEAL BLEEDING (VB) PROPHYLAXIS WITH PROPRANOLOL ADJUSTED TO PONDERAL DOSE IN MEXICAN POPULATION

HERRERO-MACEDA MR, JUÁREZ-BARRIENTOS TE, GARCÍA-RUIZ E, MEJÍA-LOZA S
 HOSPITAL JUÁREZ DE MÉXICO, MEXICO CITY, MEXICO.

18
HEMORRHAGIC PANCREATITIS AND INTESTINAL ISCHEMIA SECONDARY TO THROMBOSIS PORTO-MESENTERIC VEIN IN PATIENT WITH CIRRHOSIS

MONTES DE OCA SALINAS F,* HIGUERA DE LA TIJERA M,* ARISTI URISTA G,** MOTOLA KUBA M*
 *UNIDAD DE GASTROENTEROLOGÍA, **UNIDAD DE PATOLOGÍA, HOSPITAL GENERAL DE MÉXICO, CIUDAD DE MÉXICO, MÉXICO.

19
ACUTE ON CHRONIC LIVER FAILURE (ACLF), ONE YEAR EXPERIENCE IN THE DEPARTMENT OF GASTROENTEROLOGY OF HOSPITAL JUÁREZ DE MÉXICO

AGUILAR-MORENO RU, FERNÁNDEZ-MARTÍNEZ NC, VELASCO-SANTIAGO YM, RIVERA-FLORES AG, BARRAZA-ORTIZ DB, CANO-CONTRERAS AD, DURÁN-ROSAS C, LLORENTE-RAMÓN A, OVIEDO-MAGLIONE MA, RAMOS-AGUILAR GA, MEJÍA-LOZA SMI, ZAMARRIPA-DORSEY F
 DEPARTMENT OF GASTROENTEROLOGY, HOSPITAL JUÁREZ DE MÉXICO, MEXICO CITY, MEXICO.

20
LONG TERM CLINICAL AND REAL-WORLD EXPERIENCE WITH A SLOW RELEASE FORMULATION OF PIRFENIDONE IN PATIENTS WITH ADVANCED HEPATIC FIBROSIS. PROMETEO STUDY

POO JL,* MUÑOZ L,† TORRE A,‡ CRUZ M,§ RIVERA JF,|| PATIÑO A,¶ BOSQUES F,** VELÁZQUEZ A,†† HERNÁNDEZ L,* AGUILAR JR##
 *SAN JERONIMO CLINIC, MEXICO CITY, MEXICO.
 †UNIVERSITY HOSPITAL, MONTERREY, MEXICO.
 ‡INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN", MEXICO CITY, MEXICO.
 §HGZ NO. 4, IMSS CELAYA, MEXICO.
 ||SPANISH HOSPITAL, MEXICO CITY, MEXICO.
 ¶SURGICAL MEDICAL CENTER, MEXICO.
 **CELAYA, ZAMBRANO HELLION HOSPITAL, ITESM, MONTERREY, MEXICO.
 ††INTERNAL MEDICINE CLINIC, PUEBLA.
 ##LIVER CLINIC, MEXICO CITY, MEXICO.

21
20 YEARS OF TREATMENT WITH PENTOXIFYLLINE IN PATIENTS WITH HEPATIC CIRRHOSIS CAUSED BY VIRUS HEPATITIS C

JIMÉNEZ-LUEVANO MA, RODRÍGUEZ-VILLA P, RAMÍREZ-FLORES S, JIMÉNEZ-PARTIDA MA, CERVANTES-RODRÍGUEZ G, FRANCO-TOPETE R, BRAVO-CUELLAR A
 CLÍNICA DE HÍGADO, HOSPITAL REGIONAL "VALENTÍN GÓMEZ FARÍAS" (ISSSTE), ZAPOPAN, JALISCO, MÉXICO.

22
CHANGES IN MAGNETIC RESONANCE SPECTROSCOPY IN PATIENTS WITH CIRROSIS AND INFECTION

ASTUDILLO-GARCÍA F, MÁRQUEZ-GUILLÉN E, MACÍAS RODRÍGUEZ RU, ROMERO-SÁNCHEZ GT, TORRE-DELGADILLO A
 DEPARTAMENT OF GASTROENTEROLOGY, INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN", MEXICO CITY, MEXICO.

23
ESTIMATION OF HEPATIC FIBROSIS BY SHEAR WAVE ELASTOGRAPHY IN MEXICAN PATIENTS WITH CHRONIC LIVER DISEASE. PANDORA STUDY

POO JL,* HERNÁNDEZ L,* ZAPATA C,** MUÑOZ L**
 *SAN JERONIMO CLINIC, MEXICO CITY, MEXICO.
 **UNIVERSITY HOSPITAL, MONTERREY, NUEVO LEÓN, MEXICO.

24
RELATION BETWEEN DETACHMENT TO MEDICAL CHECKUP AND COMPLICATIONS IN PATIENTS WITH CIRRHOSIS OF THE CENTER FOR RESEARCH ON LIVER DISEASES AND GASTROENTEROLOGY OF PACHUCA, HIDALGO

TÉLLEZ-JAÉN S,* CONTRERAS-OMAÑA R**
 *MEDICINE SCHOOL OF UAEH, PACHUCA, HIDALGO, MEXICO.
 **CENTER FOR RESEARCH ON LIVER DISEASES AND GASTROENTEROLOGY, PACHUCA, HIDALGO, MEXICO.

25 FREQUENCY OF HEPATOPULMONARY SYNDROME IN MEXICAN PATIENTS WITH HEPATIC CIRRHOSIS

SUDER-CASTRO LS, ÁLVAREZ LÓPEZ F, VELARDE RUIZ
VELASCO JA, HERNÁNDEZ DEL RÍO JE, ALDANA LEDESMA JM
HOSPITAL CIVIL "FRAY ANTONIO ALCALDE". GUADALAJARA, JALISCO.
MEXICO.

26 VALIDATION OF THE CLIF-C-ACLF SCORE TO PREDICT 28-DAY MORTALITY IN HOSPITALIZED MEXICAN CIRRHOTIC PATIENTS

MAYORGA-MARÍN T, PÉREZ-HERNÁNDEZ JL,
HIGUERA-DE LA TIJERA F
GASTROENTEROLOGY DEPARTMENT. HOSPITAL GENERAL DE MÉXICO "DR.
EDUARDO LICEAGA", MEXICO CITY, MEXICO.

27 PREDICTIVE FACTORS OF BLEEDING RELATED TO POST-BANDING ULCER FOLLOWING ENDOSCOPIC VARICEAL LIGATION IN CIRRHOTIC PATIENTS: A CASE-CONTROL STUDY

MAYORGA-MARÍN T, SOTO-HERNÁNDEZ K,
RÁBAGO-ESCOTO R, TRÓCHEZ-MEJÍA C,
FOSADO-GAYOSSO M, PÉREZ-HERNÁNDEZ JL,
HIGUERA-DE LA TIJERA F
GASTROENTEROLOGY DEPARTMENT. HOSPITAL GENERAL DE MÉXICO "DR.
EDUARDO LICEAGA", MEXICO CITY, MEXICO.

28 FREQUENCY OF DREAM DISORDERS IN PATIENTS WITH CIRROSIS ACCORDING TO THE DEGREE OF HEPATIC INSUFFICIENCY

RIVAS MARTÍNEZ H, CASTILLO BARRADAS M.
DEPARTAMENTO DE GASTROENTEROLOGÍA, HOSPITAL DE
ESPECIALIDADES "DR. ANTONIO FRAGA MOURET", CENTRO MÉDICO
NACIONAL LA RAZA, IMSS. CIUDAD DE MÉXICO. MÉXICO.

III. DRUG-INDUCED LIVER INJURY

01 MAIN RISK FACTORS RELATED TO THE DEVELOPMENT OF ACUTE LIVER FAILURE IN PATIENTS DIAGNOSED WITH DRUG INDUCED LIVER INJURY (DILI), IN A TERTIARY CARE CENTER

HIGUERA-DE LA TIJERA F,* SERVÍN-CAAMAÑO AI,**
CÓRDOBA-REYES M,* CAMACHO-AGUILERA J,**
CRUZ-ESTRADA A,** ALEXANDERSON-ROSAS G,**
PÉREZ-HERNÁNDEZ JL*
*GASTROENTEROLOGY DEPARTMENT/LIVER CLINIC, **INTERNAL MEDICINE
DEPARTMENT. HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA",
MEXICO CITY, MEXICO.

IV. LIVER DISEASE, CHOLESTATIC, AUTOIMMUNE AND CHRONIC

01 HAEMOCHROMATOSIS, CASE REPORT

RÁBAGO-ESCOTO R, MAYORGA-MARÍN T, TRÓCHEZ-MEJÍA C,
HIGUERA-DE LA TIJERA F, LÓPEZ-LADRÓN V,
ARISTI-URSUSTI G, PÉREZ-HERNÁNDEZ J
SERVICIO DE GASTROENTEROLOGÍA, HOSPITAL GENERAL DE MÉXICO "DR.
EDUARDO LICEAGA", CIUDAD DE MÉXICO. MÉXICO.

02 SCREENING OF CELIAC DISEASE IN PATIENTS WITH AUTOIMMUNE LIVER DISEASE AT CENTRO MEDICO ISSEM YM METEPEC (PRELIMINARY REPORT)

OSORIO-NÚÑEZ A, GONZÁLEZ-HUEZO M
CENTRO MÉDICO ISSEM YM METEPEC. METEPEC, ESTADO DE MÉXICO.
MÉXICO.

03 MOLECULAR DIAGNOSIS OF INDIRECT HYPERBILIRUBINEMIA (CRIGLER NAJJAR SYNDROME) A CASE REPORT

RODRÍGUEZ PÉREZ PA, GARRIDO SÁNCHEZ GA,
LÓPEZ MONTALVO S, AGUILAR RAMÍREZ JR.
MARTÍNEZ LÓPEZ H, CERDA REYES E
HOSPITAL CENTRAL MILITAR, CIUDAD DE MÉXICO. MÉXICO.

04 INTESTINAL DYSBIOSIS AND INCREASED EXPRESSION OF MUC-2 IS ASSOCIATED TO BACTERIAL TRANSLOCATION IN EXPERIMENTAL CHOLESTASIS

VEGA-MAGAÑA N,* JAVE-SUÁREZ LF, ** DELGADO-RIZO V,***
DEL TORO-ARREOLA S, * AGUILAR-LEMARROY A,**
GARCÍA BENAVIDES L,**** BASTIDAS-RAMÍREZ BE,*
FAFUTIS-MORRIS M,*** ESCARRÁ SENMARTÍ M*,
GUTIÉRREZ- FRANCO J*, BUENO-TOPETE MR*
* INSTITUTO DE ENFERMEDADES CRÓNICAS DEGENERATIVAS, CUCS U DE G.
** CENTRO DE INVESTIGACIÓN BIOMÉDICA DE OCCIDENTE (CIBO)-IMSS.
*** LABORATORIO DE INMUNOLOGÍA, CUCS U DE G. MÉXICO. **** INSTITUTO
DE TERAPÉUTICA EXPERIMENTAL Y CLÍNICA, CUCS U DE G. MÉXICO.

05 EXPRESSION OF IL-22 AND IL-22BP IN AN EXPERIMENTAL MODEL OF CHOLESTASIS

SAAVEDRA-GONZÁLEZ A,* VEGA-MAGAÑA N,* DEL TORO-
ARREOLA S,* PEREIRA-SUÁREZ AL,** FAFUTIS-MORRIS M,**
GUTIÉRREZ FRANCO J,* ESCARRÁ SENMARTÍ M,*
BUENO-TOPETE MR*
*INSTITUTO DE ENFERMEDADES CRÓNICAS DEGENERATIVAS, CUCS U DE G.
MÉXICO.
**LABORATORIO DE INMUNOLOGÍA, CUCS U DE G. MÉXICO.

V. VIRAL HEPATITIS

01 POLYMORPHISMS IN IFNL4 (TT/ΔG) AND IL10 (-1082 A/G) GENES INCREASE LEVELS OF TOTAL CHOLESTEROL AND LDL-C IN PATIENTS WITH HEPATITIS C VIRUS INFECTION

GONZÁLEZ-ALDACO K, ROMAN S, FIERRO NA, TORRES-REYES LA, PANDURO A
DEPARTMENT OF MOLECULAR BIOLOGY IN MEDICINE, CIVIL HOSPITAL OF GUADALAJARA, "FRAY ANTONIO ALCALDE", AND HEALTH SCIENCES CENTER, UNIVERSITY OF GUADALAJARA, GUADALAJARA, JALISCO, MEXICO.

02 HIV/HCV CO-INFECTION, ASSOCIATED RISK FACTORS AND HCV GENOTYPES IN PATIENTS FROM WEST MEXICO

TRUJILLO-TRUJILLO ME, PANDURO A, TORRES-VALADEZ R, SEPÚLVEDA-VILLEGAS M, GONZÁLEZ-ALDACO K, JOSE-ABREGO A, ROMAN S.
DEPARTMENT OF MOLECULAR BIOLOGY IN MEDICINE, HOSPITAL CIVIL DE GUADALAJARA "FRAY ANTONIO ALCALDE" AND HEALTH SCIENCES CENTER, UNIVERSITY OF GUADALAJARA, GUADALAJARA JALISCO, MÉXICO.

03 DESCRIPTION OF SOCIO-DEMOGRAPHIC CHARACTERISTICS AND SEXUAL BEHAVIOR OF HEPATITIS C AND HIV CO-INFECTED PATIENTS IN MEXICO

RAMÍREZ-GONZÁLEZ LE,* PIÑEIRUA-MENÉNDEZ A,** SÁNCHEZ-ÁVILA JF,* HIRATA HERNÁNDEZ AH,*** PÉREZ-CARRIZOSA A,* CAMIRO-ZUÑIGA A,* SIMENTAL-ALDABA E,* SIERRA-MADERO JG*
* DEPARTMENT OF INFECTIOUS DISEASES INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN" (INCMNSZ), MEXICO CITY, MEXICO.
** CLÍNICA ESPECIALIZADA CONDESA IZTAPALAPA (CECI), MEXICO CITY, MEXICO.
*** DEPARTMENT OF MENTAL HEALTH, CLÍNICA ESPECIALIZADA CONDESA (CEC), MEXICO CITY, MEXICO.

04 DEGREE OF OBESITY IN PATIENTS WITH CHRONIC INFECTION BY HEPATITIS C VIRUS AND ITS RELATION WITH STEATOSIS BY STEATOTEST

GARCÍA SOTO ML, GÓMEZ GARCÍA T, DEL REAL CALZADA C, RIZO ROBLES T
DEPARTMENT OF GASTROENTEROLOGY; HOSPITAL OF SPECIALTIES IMSS CMN LA RAZA, "ANTONIO FRAGA MOURET". CITY OF MEXICO, MEXICO.

05 SEROPREVALENCE OF HEPATITIS C VIRUS IN BLOOD DONORS FROM THE GENERAL HOSPITAL OF MEXICO "DR. EDUARDO LICEAGA"

BONILLA-RAMOS A,* HIGUERA-DE LA TIJERA F,* RÁBAGO-ESCOTO R,* BÉJAR-RAMÍREZ Y,** PÉREZ-HERNÁNDEZ J*
*GASTROENTEROLOGY SERVICE, ** BLOOD BANK GENERAL HOSPITAL OF MEXICO "DR. EDUARDO LICEAGA", MEXICO CITY. MEXICO.

06 SEROPREVALENCE OF HEPATITIS B VIRUS IN BLOOD DONORS FROM THE GENERAL HOSPITAL OF MEXICO "DR. EDUARDO LICEAGA"

BONILLA-RAMOS A,* HIGUERA-DE LA TIJERA F,* RÁBAGO-ESCOTO R,* BÉJAR-RAMÍREZ Y,** PÉREZ-HERNÁNDEZ J*
*GASTROENTEROLOGY SERVICE, ** BLOOD BANK GENERAL HOSPITAL OF MEXICO "DR. EDUARDO LICEAGA", MEXICO CITY. MEXICO.

07 PROTECTIVE EFFECT OF MORINGA OLEIFERA ON HBV GENOTYPE C AND H TRANSIENTLY TRANSFECTED Huh7 CELLS

SÁNCHEZ-OROZCO LV, FEUSTEL S, AYÓN-PÉREZ MF, SANDOVAL-RODRIGUEZ A, RODRÍGUEZ ECHEVARRÍA R, ARMENDARIZ-BORUNDA J
INSTITUTO DE BIOLOGÍA MOLECULAR EN MEDICINA, DEPARTAMENTO DE BIOLOGÍA MOLECULAR Y GENÓMICA, CENTRO UNIVERSITARIO DE CIENCIAS DE LA SALUD, UNIVERSIDAD DE GUADALAJARA, JALISCO, MÉXICO.

08 HEPATITIS E INFECTION: ACUTE PANCREATITIS AS INITIAL EXTRAHEPATIC MANIFESTATION AND PROGRESSION TO CHRONICITY WITH HEPATIC MANIFESTATION SIMILAR TO AUTOIMMUNE HEPATITIS

LÓPEZ-PÉREZ RY,* MAYORGA-MARÍN TA,* MOTOLA-KUBA M,* GARDUÑO-JANETH J,** ARISTI-URISTA G,** HIGUERA-DE LA TIJERA F*
*GASTROENTEROLOGY DEPARTMENT, **PATHOLOGY DEPARTMENT HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA" AND SCHOOL OF MEDICINE UNAM. MEXICO.

09 STEVIOSIDE, STEVIA AND PIRFERIDONE REDUCES HEPATITIS C VIRAL REPLICATION AND IMPROVES THE ANTIFIBROTIC AND ANTIOXIDANT RESPONSE IN JFH1 CELLS

SÁNCHEZ-OROZCO LV, FABIOLA AYÓN-PÉREZ M, FEUSTEL S, GARCÍA BAÑUELOS J, SANDOVAL-RODRÍGUEZ AS, ARMENDÁRIS-BORUNDA J
INSTITUTO DE BIOLOGÍA MOLECULAR EN MEDICINA, CUCS, U DE G. MEXICO.

10 SECRETION OF CXCL-9 AND CXCL-10 IN CHRONIC HEPATITIS C

GARCÍA-LÓPEZ B,* FLORES-VASCONCELOS I,* MEDINA-ÁVILA Z,* ROSIQUE-ORAMAS D,* VERDEJA-PADILLA P,* RIZO-TÉLLEZ S,* PÉREZ-HERNÁNDEZ JL,** HIGUERA F,** KERSHENOBICH D,* GUTIÉRREZ-REYES G*
* LABORATORY (HIPAM) EXPERIMENTAL MEDICINE UNIT, UNAM.
** LIVER CLINIC, GASTROENTEROLOGY DEPARTMENT, GENERAL HOSPITAL OF MEXICO. MEXICO.

11 HEPATITIS E: A MISSED OUT DISEASE IN AN ENDEMIC COUNTRY. CASE REPORT

ALONZO-GARCÍA CJ, GARCÍA-JIMÉNEZ E, GUZMÁN-LEPE A, ÁLVAREZ-LOPEZ F, VELARDE-RUIZ VELASCO JA
DEPARTAMENTO DE GASTROENTEROLOGÍA, HOSPITAL CIVIL "FRAY ANTONIO ALCALDE", GUADALAJARA, JALISCO, MEXICO.

**12
NON-INVASIVE ASSESSMENT OF LIVER
FIBROSIS IN HIV/HCV AND HIV/HBV COINFECTED
PATIENTS BY TRANSIENT ELASTOGRAPHY
(FIBROSCAN) AND SERUM FIBROSIS MARKERS
(FIBROTEST, APRI AND FIB4)**

AVEYTIA-CAMACHO A,* FAGUNDO-SIERRA R,**
SIXTOS-ALONSO M,* RAMÍREZ-GONZÁLEZ L,***
TELIO-AGUIRRE A,** CAMIRO-ZÚÑIGA A,***
SIMENTAL-ALDABA E,*** PIÑEIRÚA-MENÉNDEZ A,****
RODRÍGUEZ-DÍAZ R,** ÁVALOS-MARTÍNEZ R,*
CEDILLO-MARTÍNEZ J,* CANTÚ-LLANOS E,*
SIERRA-MADERO J,*** SÁNCHEZ-ÁVILA JF*

* DEPARTMENT OF GASTROENTEROLOGY, **CLINICAL LABORATORY,
***DEPARTMENT OF INFECTOLOGY, INSTITUTO NACIONAL DE CIENCIAS
MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN" (INCMNSZ), MEXICO CITY,
MEXICO.

****CLÍNICA CONDESA-ITZAPALAPA, MEXICO CITY, MEXICO.

**13
TREATMENT OF HEPATITIS C CHRONIC IN MEXICAN
PATIENTS WITH GENOTYPE 2**

MALÉ-VELÁZQUEZ R,* ALFARO-RIVERA CHG,**
BETANCOURT-SÁNCHEZ F,* TORRES-MADE L*

*INSTITUTO DE SALUD DIGESTIVA Y HEPÁTICA, GUADALAJARA, JALISCO,
MÉXICO.

**HOSPITAL ÁNGELES DEL CARMEN, GUADALAJARA, JALISCO, MÉXICO.

**14
REGRESSION OF CIRRHOSIS AND HEPATIC
FIBROSIS IN PATIENTS WITH HEPATITIS C
CHRONIC INFECTION IN SUSTAINED VIRAL
RESPONSE EVALUATED WITH TRANSIENT
ELASTOGRAPHY**

BETANCOURT-SÁNCHEZ F,* ALFARO-RIVERA CH G,**
CORONA-MELÉNDEZ JC,** MEDINA-MEDRANO MA,**
BADIAL-LÓPEZ JP,** MALÉ-VELÁZQUEZ R*

*INSTITUTO DE SALUD DIGESTIVA Y HEPÁTICA, GUADALAJARA, JALISCO,
MÉXICO.

**MEDICINA INTERNA, HOSPITAL ÁNGELES DEL CARMEN, GUADALAJARA,
JALISCO, MÉXICO.

**15
POSTCHOLECYSTECTOMY SYNDROME (PCS) THE
PANORAMA IN GASTROENTEROLOGY**

LARGACHA-BARREIRO ML, ZAMARRIPA-DORSEY F,
CHÁVEZ-GARCÍA MA, CERNA-CARDONA J,
JUÁREZ-BARRIENTOS TE, HERRERO-MACEDA MR,
RIVERA-FLORES AG, JUÁREZ-VALDÉS EI

DEPARTMENT OF GASTROENTEROLOGY; HOSPITAL JUÁREZ DE MÉXICO,
MEXICO CITY, MEXICO.

**16
EVALUATION OF GROWTH FACTOR BINDING
PROTEIN (IGFBP) INSULIN IN SERUM OF PATIENTS
WITH CHRONIC HEPATITIS C**

ROSIQUE-ORAMAS D,* MEDINA-ÁVILA Z,* GUZMAN C,*
PÉREZ-HERNÁNDEZ JL,** HIGUERA-DE LA TIJERA F,**
SÁNCHEZ-ÁVILA F,*** KERSHENOBICH D,***
GUTIÉRREZ-REYES G*

*LABORATORIO HÍGADO, PÁNCREAS Y MOTILIDAD (HIPAM), DPTO.
MEDICINA EXPERIMENTAL, UNAM. MÉXICO.

**CLÍNICA DE HÍGADO, HOSPITAL GENERAL DE MÉXICO, MÉXICO.

***INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR
ZUBIRÁN". MÉXICO.

**17
MULTICENTRIC STUDY TO EVALUATE THE
PREVALENCE OF Q80K POLYMORPHISM
ASSOCIATED TO THE SECOND GENERATION DAA,
SIMEPREVIR, IN MEXICAN PATIENTS WITH
CHRONIC HEPATITIS C GENOTYPE 1A**

SÁNCHEZ-ÁVILA JF,* MUÑOZ-ESPIÑOZA LE,**
FAGUNDO-SIERRA R,* PÉREZ-RIOS AM,***
CEDILLO-MARTÍNEZ J,* AVEYTIA-CAMACHO A,*
SIXTOS-ALONSO S,* CASTRO-NARRO GE,*
GARCÍA-JUÁREZ I,* TELIO-AGUIRRE A,*
MOCTEZUMA-VELÁZQUEZ C,* DECANINI-TREVIÑO A,*
CANTÚ-LLANOS E,* RAMÍREZ-POLO A,* CORDERO P,**
ÁVALOS-MARTÍNEZ R, KERSHENOBICH D*

* INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN SALVADOR
ZUBIRÁN, CIUDAD DE MÉXICO, MÉXICO.

**UNIDAD DE HÍGADO, HOSPITAL UNIVERSITARIO "DR. ELEUTERIO
GONZÁLEZ" UANL, MONTERREY, N.L. MÉXICO.

***CENTRO DE INVESTIGACIÓN FARMACOLÓGICA ESPECIALIZADA,
GUADALAJARA, JALISCO, MÉXICO.

**18
ASSOCIATION OF LDLR/APOB HAPLOGROUPS
WITH UNDETECTABLE VIRAL LOAD AND HIGH
CHOLESTEROL AMONG HCV-INFECTED PATIENTS
FROM WEST MEXICO**

TORRES-VALADEZ R, ROMAN-S, OJEDA-GRANADOS C,
GONZÁLEZ-ALDACO K, TRUJILLO-TRUJILLO ME, PANDURO A
DEPARTMENT OF MOLECULAR BIOLOGY IN MEDICINE, CIVIL HOSPITAL OF
GUADALAJARA, "FRAY ANTONIO ALCALDE", AND HEALTH SCIENCES
CENTER, UNIVERSITY OF GUADALAJARA, GUADALAJARA, JALISCO,
MEXICO.

VI. PEDIATRIC HEPATOLOGY

**01
COPPER LIVER DISEASE: EXPERIENCE IN CHILDREN**

OGAZ-CAMPOS A, CARO-SAMANIEGO J, LEDESMA-RAMÍREZ S,
FLORES-CALDERÓN J

DEPARTAMENTO DE GASTROENTEROLOGÍA Y NUTRICIÓN PEDIÁTRICA.
UMAE HOSPITAL DE PEDIATRÍA CENTRO MÉDICO NACIONAL SIGLO XXI.
INSTITUTO MEXICANO DEL SEGURO SOCIAL. CIUDAD DE MÉXICO. MÉXICO.

**02
FREQUENCY OF HEPATIC FIBROSIS AND LIVER
STEATOSIS IN OBESE AND OVERWEIGHT CHILDREN
BY NON-INVASIVE METHODS**

CÓRDOBA MORALES N,* FLORES CALDERÓN J,*
GARRIDO MAGAÑA E,** MORÁN VILLOTA S**

*DEPARTAMENTO DE GASTROENTEROLOGÍA Y NUTRICIÓN PEDIÁTRICA,

**DEPARTAMENTO DE ENDOCRINOLOGÍA Y NUTRICIÓN PEDIÁTRICA,

***LABORATORIO DE INVESTIGACIÓN EN GASTROENTEROLOGÍA Y
HEPATOLOGÍA. UMAE HOSPITAL DE PEDIATRÍA CMN SXXI. MEXICO CITY
MEXICO.

03 NEW PEDIATRIC METABOLIC INDEX CORRELATES WITH VISCERAL FAT ADIPOSITY, PREPERITONEAL FAT THICKNESS, TRANSAMINASES, FATTY LIVER AND INSULIN RESISTANCE

GARCÉS MJ,* QUISPE R,** HERRERA A,* GARIBAY N,**
LÓPEZ-ALVARENGA JC,**** HERNÁNDEZ-RUIZ J*
*HIPAM, UME, UNAM. **UNIDAD DE INVESTIGACIÓN Y DESARROLLO
TECNOLÓGICO, UNAM. ***CLÍNICA DE OBESIDAD INFANTIL, HOSPITAL
GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", MÉXICO.
****SOUTH TEXAS DIABETES AND OBESITY INSTITUTE, UNIVERSITY OF
TEXAS RIO GRANDE VALLEY.

VII. ALCOHOLIC LIVER DISEASE AND FATTY LIVER

01 RELATIONSHIP BETWEEN SONOGRAPHIC HEPATORRENAL INDEX ESTIMATED BY DIGITAL IMAGE PROCESSING AND FATTY INFILTRATION IN THE LIVER

CASILLAS-RAMÍREZ A,* SOTELO-LANDA R,*
MENCHACA-GUTIÉRREZ JL,** CORONADO-POSADAS LV,*
VÁZQUEZ-GARZA MA,*** AQUINO-RUBIO G,*
MARTÍNEZ-PADRÓN HY,* ROCHA-SÁNCHEZ AY*
*THESE AUTHORS CONTRIBUTED EQUALLY TO THIS WORK.
*HOSPITAL REGIONAL DE ALTA ESPECIALIDAD DE CIUDAD VICTORIA
"BICENTENARIO 2010", CD. VICTORIA, TAM. MÉXICO.
**FACULTAD DE MEDICINA E INGENIERÍA EN SISTEMAS COMPUTACIONALES
DE MATAMOROS, UNIVERSIDAD AUTÓNOMA DE TAMAULIPAS,
MATAMOROS, TAM. MÉXICO.
***INSTITUTO MEXICANO DEL SEGURO SOCIAL, HOSPITAL GENERAL
REGIONAL NÚM. 270, REYNOSA, TAM. MÉXICO.

02 HIGH FREQUENCY OF LIVER DAMAGE IN SUBJECTS WITH RISK FACTORS FOR NASH DIAGNOSED BY TRANSIENT ELASTOGRAPHY AND LIVER BIOPSY

SEPÚLVEDA-VILLEGAS M, ROMÁN S, TORRES-VALADEZ R,
RIVERA-ÍÑIGUEZ I, RAMOS-MÁRQUEZ ME, PANDURO A
DEPARTMENT OF MOLECULAR BIOLOGY IN MEDICINE, CIVIL HOSPITAL OF
GUADALAJARA "FRAY ANTONIO ALCALDE", AND HEALTH SCIENCES CENTER,
UNIVERSITY OF GUADALAJARA, GUADALAJARA, JALISCO, MEXICO.

03 LILLE-4 VS. LILLE-7 AS 30-DAY SURVIVAL PROGNOSTIC MODELS IN A COHORT OF MEXICAN PATIENTS WITH SEVERE ALCOHOLIC HEPATITIS

HIGUERA-DE LA TIJERA F,* SERVÍN-CAAMAÑO AI,**
PÉREZ-HERNÁNDEZ JL*
*GASTROENTEROLOGY DEPARTMENT/LIVER CLINIC, ** INTERNAL MEDICINE
DEPARTMENT. HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA",
MEXICO CITY, MEXICO.

04 INSULIN-LIKE GROWTH FATOR BINDING PROTEINS (IGFBP) 2 AND 5 ASSESSMENT IN AN EXPERIMENTAL MODEL OF NON-ALCOHOLIC FATTY LIVER DISEASE

ROMERO-BELLO II,* CAMPOS-ESPIÑOZA A,*
MORENO-GONZÁLEZ J,* RANGEL-CRUZ MJ,*
KERSHENOBICH D,** GUTIÉRREZ-REYES G,* GUZMÁN C*
*LABORATORIO DE HÍGADO, PÁNCREAS Y MOTILIDAD, UNIDAD DE MEDICINA
EXPERIMENTAL, FACULTAD DE MEDICINA, UNAM/HOSPITAL GENERAL DE
MÉXICO, CIUDAD DE MÉXICO, MÉXICO.
**INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN SALVADOR
ZUBIRÁN, CIUDAD DE MÉXICO, MÉXICO.

05 SEVERE MALNUTRITION IS A PROGNOSTIC FACTOR RELATED TO EARLY MORTALITY IN MEXICAN PATIENTS WITH SEVERE ALCOHOLIC HEPATITIS

HIGUERA-DE LA TIJERA F,* SERVÍN-CAAMAÑO AI,**
LÓPEZ-LADRÓN DE GUEVARA V,* MACÍAS-ÁNGELES Y,*
PÉREZ-HERNÁNDEZ JL*
*GASTROENTEROLOGY DEPARTMENT/LIVER CLINIC, ** INTERNAL MEDICINE
DEPARTMENT. HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA",
MEXICO CITY, MEXICO.

06 HISTOPATHOLOGIC DIFFERENCES IN AFLD-NAFLD IN A MURINE MODEL OF CHRONIC INTAKE OF HIGH- FAT DIET, ETHANOL AND THEIR INTERACTION

RAMÍREZ-MENDOZA A,* LEÓN-MANCILLA B,*
MEDINA-ÁVILA Z,* ARÉVALO-SÁNCHEZ T,*
CAMPOS-ESPINOSA A,* GARCÍA-LÓPEZ B,*
RANGEL-CRUZ MJ,* ROMERO-BELLO II,*
ROSIQUE-ORAMAS D,* VERDEJA P,* PÉREZ-TORRES A,**
SÁNCHEZ J,* GUZMÁN C,* GUTIÉRREZ-REYES G*
*LABORATORIO DE HÍGADO, PÁNCREAS Y MOTILIDAD, UNIDAD DE
MEDICINA EXPERIMENTAL, FACULTAD DE MEDICINA, UNAM/HOSPITAL
GENERAL DE MÉXICO.
**FSIPYM DEPTO. BIOLOGÍA CELULAR Y TISULAR, FACULTAD DE MEDICINA,
UNAM. MÉXICO.

07 PREVALENCE OF NON-ALCOHOLIC FATTY LIVER DISEASE DIAGNOSED BY BIOPSY IN A PERIODO OF 5 YEARS

MACÍAS ÁNGELES Y, HIGUERA-DE LA TIJERA,
LÓPEZ-LADRÓN DE GUEVARA V, PÉREZ HERNÁNDEZ J
SERVICIO DE GASTROENTEROLOGÍA. HOSPITAL GENERAL DE MÉXICO. "DR.
EDUARDO LICEAGA", CIUDAD DE MÉXICO. MÉXICO.

08 PREVALENCE OF FIBROSIS AND STEATOSIS DIAGNOSED WITH TRANSIENT ELASTOGRAPHY (FIBROSCAN) IN PATIENTS OF HOSPITAL GENERAL DE MEXICO O.D. "EDUARDO LICEAGA"

MACIAS ANGELES Y, HIGUERA-DE LA TIJERA,
LÓPEZ-LADRÓN DE GUEVARA V, PÉREZ HERNÁNDEZ J
SERVICIO DE GASTROENTEROLOGÍA/CLÍNICA DE HÍGADO. HOSPITAL
GENERAL DE MÉXICO. "DR. EDUARDO LICEAGA", CIUDAD DE MÉXICO.
MÉXICO.

09 FIBROSIS AND STEATOSIS IN PATIENTS WITH MORBID OBESITY EVALUATED BY TRANSIENT ELASTOGRAPHY

PÉREZ HERNÁNDEZ J, LÓPEZ LADRÓN DE GUEVARA V, MACÍAS ÁNGELES Y, PÉREZ SOTO F, HIGUERA DE LA TIJERA F. LIVER CLINIC FROM GASTROENTEROLOGY DEPARTMENT, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", MEXICO CITY, MEXICO.

10 CHRONIC AND ACTIVE ALCOHOL CONSUMPTION MODIFIED THE IMMUNOLOGICAL RESPONSE

MEDINA-ÁVILA Z,* RIZO-TÉLLEZ S,* ROSIQUE ORAMAS D,* PÉREZ-HERNÁNDEZ JL,** BEJAR Y,** HIGUERA F,** CORDERO-PÉREZ P,*** KERSHENOBICH D,* GUTIÉRREZ REYES G*
*LABORATORY HIPAM, EXPERIMENTAL MEDICINE UNIT, UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO. MÉXICO.
**BLOOD BANK, LIVER CLINIC, GENERAL HOSPITAL OF MÉXICO. MÉXICO.
***LIVER UNIT AND MOLECULAR MEDICINE, UNIVERSITY HOSPITAL, UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN, MONTERREY, NUEVO LEÓN. MÉXICO.

11 COMPARATIVE STUDY OF LIPID PERCENTAGE IN THE LIVER OF TWO EXPERIMENTAL MODELS OF NON-ALCOHOLIC FATTY LIVER DISEASE: METHIONINE-CHOLINE DEFICIENT (MCD) DIET VS. HIGH-FAT DIET (HFD)

CAMPOS-ESPINOSA A,* RAMÍREZ-MENDOZA A,* ROMERO-BELLO II,* ARÉVALO-SÁNCHEZ AT,* OLMOS-VALDEZ K,* LEÓN-MANCILLA B,* MEDINA-ÁVILA Z,* GARCÍA-LÓPEZ B,* RANGEL-CRUZ MJ,* ROSIQUE-ORAMAS D,* VERDEJA P,* PÉREZ-TORRES A,** SÁNCHEZ J,* GUTIÉRREZ-REYES G,* GUZMÁN C*
*LABORATORIO DE HÍGADO, PÁNCREAS Y MOTILIDAD, UNIDAD DE MEDICINA EXPERIMENTAL, FACULTAD DE MEDICINA, UNAM/HOSPITAL GENERAL DE MÉXICO. CIUDAD DE MÉXICO, MÉXICO.
**FSIPYM DEPTO. BIOLOGÍA CELULAR Y TISULAR, FACULTAD DE MEDICINA, UNAM. MÉXICO.

12 EVALUATION OF OXIDATIVE STRESS THROUGH THE LEVELS OF GSH AND GSH/GSSG RATIO IN PEDIATRIC PATIENTS WITH NAFLD

VERDEJA-PADILLA PA,* MEJÍA L,** MEDINA-ÁVILA Z,* CRUZ-BAUTISTA R,** SUÁREZ L,** ROSIQUE-ORAMAS D,* RIZO-TÉLLEZ S,* GALICIA-MORENO M,* CORDERO P,*** MUÑOZ L,*** GUTIÉRREZ-REYES G*
*HIPAM LABORATORY, UNIT OF EXPERIMENTAL MEDICINE, FACULTY OF MEDICINE, UNAM. GENERAL HOSPITAL OF MEXICO. MEXICO.
PEDIATRIC HOSPITAL OF IZTAPALAPA, SEDESA. GDF. *AUTONOMOUS UNIVERSITY OF NUEVO LEÓN. MEXICO.

13 SELECTION OF TREATMENTS IN NON-ALCOHOLIC FATTY LIVER IN CLINICAL PRACTICE THROUGH THE EVALUATION OF A LITERATURE REVIEW

LARA ESPARZA M, CASTILLO BARRERA J, GALICIA HERNÁNDEZ G, PAREDES MARTÍNEZ DE ARREDONDO H, TORRE DELGADILLO A, Y MARTÍNEZ VÁZQUEZ S. DEPARTMENT OF GASTROENTEROLOGY, INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN". CIUDAD DE MÉXICO, MÉXICO.

14 DETERMINATION OF IGFBP-3 IN SUBJECTS WITH DIFFERENT BODY MASS INDEX AS A NON ALCOHOLIC GREASE LIVER MARKER

PÉREZ HERNÁNDEZ J,* HIGUERA DE LA TIJERA F,* PÉREZ SOTO F,* ROSIQUE ORAMAS D,† MEDINA AVILA Z,† GUZMÁN C,† BEJAR Y,‡ CORDERO PÉREZ P,§ MUÑOZ ESPINOSA L,§ DAVID KERSHENOBICH,|| GUTIERREZ-REYES G†
*SERVICIO DE GASTROENTEROLOGÍA/CLÍNICA DE HÍGADO HOSPITAL GENERAL DE MÉXICO "DR EDUARDO LICEAGA", MÉXICO. †LABORATORIO HÍGADO PÁNCREAS Y MOTILIDAD. UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO, MÉXICO. ‡BANCO DE SANGRE HOSPITAL GENERAL DE MÉXICO. MÉXICO. §HOSPITAL UNIVERSITARIO. UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN, MÉXICO. || INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "DR. SALVADOR ZUBIRÁN" CIUDAD DE MÉXICO. MÉXICO.

15 BEHAVIOR OF THE IMMUNE SYSTEM IN ALCOHOLISM IN DIFFERENT STAGES OF HEPATIC DAMAGE

PÉREZ HERNÁNDEZ J,* HIGUERA DE LA TIJERA F,* PÉREZ SOTO F,* ROSIQUE ORAMAS D,** MEDINA ÁVILA Z,** GUZMÁN C,** BEJAR Y,*** KERSHENOBICH D,**** GUTIÉRREZ-REYES G**
*SERVICIO DE GASTROENTEROLOGÍA/CLÍNICA DE HÍGADO HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", MÉXICO. **LABORATORIO HÍGADO PÁNCREAS Y MOTILIDAD. UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO, MÉXICO. ***BANCO DE SANGRE HOSPITAL GENERAL DE MÉXICO. MÉXICO. ****INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "DR. SALVADOR ZUBIRÁN" CIUDAD DE MÉXICO. MÉXICO.

16 ALTERATIONS IN LYMPHOCYTES AND CYTOKINES IN PATIENTS WITH HEPATIC DISEASE BY ALCOHOL

PÉREZ HERNÁNDEZ J,* HIGUERA DE LA TIJERA F,* PÉREZ SOTO F,* ROSIQUE ORAMAS D,** MEDINA AVILA Z,** GUZMÁN C,** BEJAR Y,*** KERSHENOBICH D,**** GUTIERREZ-REYES G**
*SERVICIO DE GASTROENTEROLOGÍA/CLÍNICA DE HÍGADO HOSPITAL GENERAL DE MÉXICO "DR EDUARDO LICEAGA". MÉXICO. **LABORATORIO HÍGADO PÁNCREAS Y MOTILIDAD. UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO. MÉXICO. ***BANCO DE SANGRE HOSPITAL GENERAL DE MÉXICO. MÉXICO. ****INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "DR. SALVADOR ZUBIRÁN", CIUDAD DE MÉXICO. MÉXICO.

17 CORRELATION OF FIBROSCAN WITH NAFLD SCORE AND FIB4 IN PATIENTS WITH NON-ALCOHOLIC FATTY LIVER DISEASE AND INSULIN RESISTANCE

VELASCO-SANTIAGO YM,* FERNÁNDEZ-MARTÍNEZ NC,* AGUILAR-MORENO RU,* RIVERA-FLORES AG,* BARRAZA-ORTIZ DB,* CANO-CONTRERAS AD,* DURÁN-ROSAS C,* LLORENTE-RAMÓN A,* OVIEDO-MAGLIONE MA,* RAMOS-AGUILAR GA,* MEJÍA-LOZA SMI,* PÉREZ-LÓPEZ N,* ZAMARRIPA-DORSEY F,* TORRES-LÓPEZ E**
*GASTROENTEROLOGY DEPARTMENT, HOSPITAL JUÁREZ DE MÉXICO, MEXICO CITY, MEXICO.
**GENERAL SURGERY DEPARTMENT, HOSPITAL ÁNGELES LINDAVISTA, MEXICO CITY, MEXICO.

18
RELATIVE CHANGES IN BIOCHEMICAL AND ANTHROPOMETRIC INDICATORS IN PATIENTS WITH NON ALCOHOLIC FATTY LIVER DISEASE ACCORDING TO NUTRITIONAL INTERVENTION. TWO YEAR FOLLOW-UP REPORT

PÉREZ-RODRÍGUEZ DL, LARA-ESPARZA MP, DÁVILA-BONILLA S, GUTIÉRREZ-MARTÍNEZ G, MARTÍNEZ-VÁZQUEZ SE
 DEPARTMENT OF GASTROENTEROLOGY. INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN". MEXICO CITY, MEXICO.

19
IMMUNOTYPICAL PROFILE ALTERATIONS IN PERIPHERAL POLYMORPHONUCLEAR CELLS OF BINGE DRINKERS

PÉREZ-GARCÍA A,*† ARROYO-VALERIO A,‡ BUSTOS-ESQUIVEL M,‡ ZALDÍVAR FUJIGAKI JL,* GASTELUM-STROZZI A,§ PADILLA-CASTAÑEDA MA,§ REDING-BERNAL A,‡ KERSENOBICH D,|| HERNÁNDEZ-RUIZ J*‡
 *LABORATORIO DE HÍGADO, PÁNCREAS Y MOTILIDAD. UNIDAD DE MEDICINA EXPERIMENTAL. UNAM, MÉXICO. †SERVICIO DE CIRUGÍA EXPERIMENTAL, ‡DIRECCIÓN DE INVESTIGACIÓN, §UNIDAD DE INVESTIGACIÓN Y DESARROLLO TECNOLÓGICO CCADET UNAM. HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA". MÉXICO. ||INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN". MÉXICO.

20
COMPARISON OF THREE SCALES SEES IN PATIENTS WITH SEVERE ALCOHOLIC HEPATITIS AT THE HOSPITAL JUÁREZ DE MÉXICO

JUÁREZ-BARRIENTOS TE, MEJÍA-LOZA SMI, GARCÍA-RUIZ E, ZAMARRIPA-DORSEY F, HERRERO-MACEDA R
 GASTROENTEROLOGÍA, HOSPITAL JUÁREZ DE MÉXICO, MEXICO CITY, MEXICO.

21
USE OF NON-INVASIVE SEROLOGIC BIOMARKERS IN PATIENTS WITH NON-ALCOHOLIC FATTY LIVER AND FIRST BLEEDING EPISODE DUE TO PORTAL HYPERTENSION

MENDOZA-RAMÍREZ J, ANZÁSTIGA DELGADILLO D
 GASTROENTEROLOGY AND GASTROINTESTINAL ENDOSCOPY DEPARTMENT. HOSPITAL GENERAL REGIONAL (HGR) 251. IMSS. METEPEC, STATE OF MEXICO. MEXICO.

22
EVALUATION OF OXIDATIVE DAMAGE IN PROTEINS IN PATIENTS WITH CHRONIC HEPATITIS C

ROSIQUE-ORAMAS D,* MEDINA-ÁVILA Z,* GALICIA-MORENO M,* PÉREZ-HERNÁNDEZ JL,** HIGUERA-DE LA TIJERA F,** SÁNCHEZ-ÁVILA F,*** KERSHENOBICH D,*** GUTIÉRREZ-REYES G*
 *LABORATORIO HÍGADO, PÁNCREAS Y MOTILIDAD (HIPAM), DEPARTAMENTO MEDICINA EXPERIMENTAL. UNAM. MÉXICO. **CLÍNICA DE HÍGADO, HOSPITAL GENERAL DE MÉXICO. MÉXICO. ***INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN". MÉXICO.

23
PREVALENCE OF DISEASE HEPATIC FAT NON-ALCOHOLIC IN NECROPSIES PERFORMED DURING 5 YEARS IN THE HOSPITAL DE ESPECIALIDADES DEL CENTRO MÉDICO NACIONAL SIGLO XXI, IMSS

LÓPEZ-VALENZUELA L, SANDOVAL-SALAS R, FERREIRA-HERMOSILLO A, MORENO-ALCÁNTAR R
 SERVICIO DE GASTROENTEROLOGÍA, HOSPITAL DE ESPECIALIDADES DEL CENTRO MÉDICO NACIONAL SIGLO XXI, IMSS. MÉXICO.

VIII. OTHER TOPICS

01
EPIDEMIOLOGICAL, CLINICAL AND HISTOLOGICAL ASPECTS OF ELEVATED TRANSAMINASES IN A THIRD LEVEL HOSPITAL

ARREOLA-CRUZ A, RUBIO-ARCE JF, CISNEROS-GARZA LE, LÓPEZ-HERNÁNDEZ PA
 IMSS. UMAE HOSPITAL DE ESPECIALIDADES NÚM. 25. MONTERREY, NUEVO LEÓN, MEXICO.

02
COMPARISON OF HEPATIC FUNCTION TESTS IN PATIENTS WITH DIFFERENT ARBOVIRAL INFECTIONS: ZIKA, CHIKUNGUNYA AND DENGUE

SALAS-VILLALOBOS TB,* GALÁN-HUERTA KA,* SOSA-CABALLERO S,** FERNÁNDEZ-SALAS I,*** RAMOS-JIMÉNEZ J,* RIVAS-ESTILLA AM*
 *FACULTAD DE MEDICINA, UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN, MONTERREY, N.L., MÉXICO. **CLÍNICA HOSPITAL "DR. ROBERTO NETTEL FLORES", TAPACHULA, CHIS., MÉXICO. ***CENTRO REGIONAL DE INVESTIGACIÓN EN SALUD PÚBLICA INSP, TAPACHULA, CHIS., MÉXICO.

03
CURRENT STATUS OF SIGNIFICANT FIBROSIS AND CIRRHOSIS BY ELASTOGRAPHY IN HOSPITAL JUÁREZ DE MÉXICO

GODOY-ARISTA T, GARCÍA-RUIZ E, ZAMARRIPA-DORSEY F.
 GASTROENTEROLOGY, HOSPITAL JUÁREZ DE MÉXICO, MEXICO CITY, MEXICO.

04
VON MEYENBURG COMPLEX. CASE REPORT

ARREOLA-CRUZ A, RUBIO-ARCE JF, LÓPEZ-HERNÁNDEZ PA, GONZÁLEZ-MURILLO E
 IMSS. UMAE HOSPITAL DE ESPECIALIDADES NO. 25. MONTERREY, NUEVO LEÓN. MEXICO.

05
MEDIASTINITIS AS AN ATYPICAL PRESENTATION OF SYSTEMIC IGG4 RELATED SCLEROSANT DISEASE REPORT OF A CASE

SOTO-HERNÁNDEZ KA,* MAYORGA-MARÍN TA,* HIGUERA DE LA TIJERA F,* PÉREZ-HERNÁNDEZ JL,* TENORIO FLORES C,* ARISTI URISTA G**
 *GASTROENTEROLOGY DEPARTMENT, **PATHOLOGY DEPARTMENT, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA". MÉXICO.

06
COEXISTING LIVER DISEASES IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE IN INSTITUTO MEXICANO DEL SEGURO SOCIAL, HOSPITAL DE ESPECIALIDADES CENTRO MÉDICO NACIONAL LA RAZA (HE CMNR)

MORONES NAVARRETE GA
 GASTROENTEROLOGY, INSTITUTO MEXICANO DEL SEGURO SOCIAL, HOSPITAL DE ESPECIALIDADES CENTRO MÉDICO NACIONAL LA RAZA (HE CMNR), MEXICO CITY, MEXICO.

07
EVALUATION OF THE QUALITY OF LIFE OF THE CAREGIVER OF PATIENTS WITH ADVANCED CIRRHOSIS, USING SF-36

RÁBAGO-ESCOTO R, SOTO-HERNÁNDEZ K, HIGUERA-DE LA TIJERA F, PÉREZ-HERNÁNDEZ J
 SERVICIO DE GASTROENTEROLOGÍA, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", CIUDAD DE MÉXICO, MÉXICO.

08
PARTICIPATION OF THE LIVER TRANSPLANT TEAM IN ONE OF THE INTERNATIONAL GOALS ON PATIENT SAFETY

LÓPEZ YÁÑEZ S, GARCÍA-JUÁREZ I, CASTRO-NARRO G, VILATOBÁ-CHAPA M, CONTRERAS-SALDÍVAR A, GONZÁLEZ J, TOAPANTA-YANCHAPAXI L, CRUZ R, GARCÍA M, LÓPEZ JL, USCANGA-DOMÍNGUEZ L
 INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR ZUBIRÁN", MEXICO CITY, MEXICO.

09
CASE REPORT: ACALCULOUS CHOLECYSTITIS ASSOCIATED WITH HEPATITIS A VIRUS (HAV)

OVIEDO MAGLIONE MA, MEJÍA S, GARCÍA E, ZAMARRIPA F
 HOSPITAL JUÁREZ DE MÉXICO, MEXICO CITY, MEXICO.

10
CASE REPORT: HEPATIC ABSCESS BY BURKHOLDERIA PSEUDOMALLEI IN HOSPITAL JUÁREZ DE MÉXICO

DURÁN ROSAS C, MEJÍA S, GARCÍA E, ZAMARRIPA F
 HOSPITAL JUÁREZ DE MÉXICO, MEXICO CITY, MEXICO.

11
MANAGEMENT OF GIST TUMOR WITH CELECOXIB AND PENTOXIFYLLINE: A CASE REPORT

JIMÉNEZ-LUEVANO MA, RODRÍGUEZ-VILLA P, RAMÍREZ-FLORES S, JIMÉNEZ PARTIDA MA, CERVANTES-RODRÍGUEZ G, FRANCO-TOPETE R, BRAVO-CUELLAR A
 CLÍNICA DE HÍGADO, HOSPITAL REGIONAL "VALENTÍN GÓMEZ FARIÁS" (ISSSTE), ZAPOPAN, JALISCO, MEXICO.

12
IMPACT OF THE COSTS OF HOSPITALIZATION IN PATIENTS WITH HEPATIC CIRRHOSIS AT THE HOSPITAL JUÁREZ DE MÉXICO

FERNÁNDEZ-MARTÍNEZ NC,* AGUILAR-MORENO RU,* VELASCO-SANTIAGO YM,* RIVERA-FLORES AG,* RAMOS-AGUILAR GA,* BARRAZA-ORTIZ DA,* LLORENTE-RAMÓN A,* DURÁN-ROSAS C,* OVIEDO-MAGLIONE MA,* MEJÍA-LOZA S MI,* GARCÍA-RUIZ E,* JUÁREZ-VALDÉS E,* PÉREZ-LÓPEZ N,* ZAMARRIPA-DORSEY F*
 *GASTROENTEROLOGY SERVICE; HOSPITAL JUÁREZ DE MÉXICO, MEXICO CITY, MEXICO.

13
HEPATIC FIBROSIS IN HEALTH PROFESSIONALS, ACCORDING TO A NON-INVASIVE BIOLOGICAL TEST. CONCIENCIA PREVALENCE STUDY

POO JL,* AGUILAR JR,* PEÑA P,** HERNÁNDEZ L,* MUÑOZ L***
 *MEXICAN GROUP FOR THE STUDY OF LIVER DISEASES, MEXICO CITY, MEXICO.
 **CELLPHARMA LABORATORIES, MEXICO CITY, MEXICO.
 ***MONTERREY UNIVERSITY HOSPITAL, NL, MEXICO.

14
ALAGILLE SYNDROME AND LIVER TRANSPLANTATION

MARTÍNEZ-SALDÍVAR B,* VALDÉS-ÁNGELES V,* SANTOS-CABALLERO M,† SANSÓN-NAVARRO G,‡ DÍAZ-PINEDA M,‡ FLORES-ARROYO A,§ HERNÁNDEZ-AGUILAR C,|| HERNÁNDEZ-DOMÍNGUEZ M¶
 *LIVER TRANSPLANT UNIT HG CMN LA RAZA. †CHIEF TRANSPLANT UNIT HG CMN LA RAZA. ‡STUDENTS UNAM MEDICINE SCHOOL. §LIVER UNIT INSTITUTO DE PENSIONES DEL ESTADO DE JALISCO. ||HOSPITAL CENTRAL SUR PEMEX PICACHO. ¶CHIEF OF TRANSPLANT DIVISION HGC CMN LA RAZA, MEXICO.

15
ACUTE HEPATIC FAILURE OF SECONDARY LEPTOSPIROSIS: REPORT CASE OF AUTOPSY

FLORES-TORRES A,* MAYORGA- MARÍN T,* HIGUERA-DE LA TIJERA F,* MURILLO-ELOISA JR,** GÓMEZ-APO E**
 *GASTROENTEROLOGY DEPARTMENT, ** PATHOLOGY DEPARTMENT, HOSPITAL GENERAL DE MÉXICO "DR. EDUARDO LICEAGA", MEXICO CITY, MEXICO.

16
COST OF INTRAHOSPITAL STAY OF THE MAIN CAUSES OF REIGNATION OF PATIENTS WITH CIRRHOSIS DESCOMPENSATED IN THE HGZ MF NO. 1 IMSS

CONTRERAS-OMAÑA R,* TÉLLEZ-JAÉN S**
 *CENTER FOR RESEARCH ON LIVER DISEASES AND GASTROENTEROLOGY, ** MEDICINE SCHOOL OF UAEH, PACHUCA, HIDALGO, MÉXICO.

17
ASSOCIATION OF PRURITE SEVERITY WITH PERINATAL COMPLICATIONS IN PATIENTS WITH INTRAHEPATIC CHOLESTASIS OF PREGNANCY

GÁLVEZ CASTRO M, CASTILLO BARRADAS M
 DEPARTAMENTO DE GASTROENTEROLOGÍA, HOSPITAL DE ESPECIALIDADES "DR. ANTONIO FRAGA MOURET", CENTRO MÉDICO NACIONAL LA RAZA, CIUDAD DE MÉXICO, MEXICO.

IX. TRANSPLANTATION/LIVER SURGERY**01
APPLICATION OF ULTRASOUND TO
IMPROVE THE PROTECTIVE EFFECTS OF
DRUGS AGAINST ISCHEMIA-REPERFUSION
INJURY IN HEPATIC SURGERY**

CASILLAS-RAMÍREZ A,^{*,†} SÁNCHEZ-CASTRO J,^{*,†}
 AQUINO-RUBIO G,^{*} BARRÓN-VARGAS C.A,[‡]
 ROCHA-SÁNCHEZ AY,^{*} MARTÍNEZ-PADRÓN HY,^{*}
 JIMÉNEZ-CASTRO MB,[§] PERALTA C^{§||}

^{*}THESE AUTHORS CONTRIBUTED EQUALLY TO THIS WORK.

^{*}HOSPITAL REGIONAL DE ALTA ESPECIALIDAD DE CIUDAD VICTORIA
 "BICENTENARIO 2010", CD. VICTORIA, TAM. MÉXICO. [†]FACULTAD DE
 MEDICINA E INGENIERÍA EN SISTEMAS COMPUTACIONALES DE
 MATAMOROS, UNIVERSIDAD AUTÓNOMA DE TAMAULIPAS, MATAMOROS,
 TAM. MÉXICO. [‡]HOSPITAL VETERINARIO DE PEQUEÑAS ESPECIES,
 FACULTAD DE MEDICINA VETERINARIA Y ZOOTECNIA, UNIVERSIDAD
 AUTÓNOMA DE TAMAULIPAS, CD. VICTORIA, TAM. MÉXICO.

[§]TRANSPLANTS BIOMEDICALS, S.L., ^{||}INSTITUTO DE INVESTIGACIONES
 BIOMÉDICAS AUGUSTO PI Y SUÑER, BARCELONA, ESPAÑA.

**02
EVOLUTION OF THE GLOMERULAR FILTRATION
RATE DURING THE FIRST 12 MONTHS AFTER LIVER
TRANSPLANTATION IN MEXICAN PATIENTS**

TOAPANTA-YANCHAPAXI LA,^{*} CHIQUETE E,^{**}
 CALLE-RODAS D,^{*} PÉREZ-ESCOBAR J,^{*} RAMÍREZ POLO A,^{*}
 PÁEZ ZAYAS V,^{*} MUÑOZ S,^{*} VILATOBÁ CHAPA M,^{***}
 CONTRERAS SALDIVAR A,^{***} GARCÍA-JUÁREZ I^{*}

^{*} DEPARTMENT OF GASTROENTEROLOGY AND LIVER TRANSPLANTATION.

^{**} DEPARTMENT OF NEUROLOGY AND PSYCHIATRY. ^{***} DEPARTMENT OF
 SURGERY AND TRANSPLANTATION, NATIONAL INSTITUTE OF SCIENCE AND
 NUTRITION SALVADOR ZUBIRÁN. MEXICO CITY, MEXICO.

**03
IMPACT OF NASH IN THE ETIOLOGY OF
HEPATOCELLULAR CARCINOMA IN
NORTHEASTERN MEXICO**

MUÑOZ LE,^{*} APARICIO JE,^{*} ZAPATA HA,^{*} CORDERO P,^{*}
 ELIZONDO G,^{*} ALARCÓN G,^{*} HERNÁNDEZ MA,^{*} PÉREZ E,^{*}
 ESCOBEDO MM,^{*} HERNÁNDEZ D^{**}

^{*}LIVER TRANSPLANT GROUP OF THE UNIVERSITY HOSPITAL, ^{**}UNIVERSITY
 CENTER AGAINST CANCER. UNIVERSITY HOSPITAL "DR. JOSÉ E.
 GONZÁLEZ", UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN, MONTERREY, NL,
 MEXICO.

**04
ASSOCIATION BETWEEN CMV SEROLOGY IN THE
PRE-TRANSPLANT PERIOD AND THE INCIDENCE OF
POST-TRANSPLANT CMV INFECTION.**

PINEDA DE PAZ MR, AGUILAR RJ, LEÓN-PÉREZ S,
 GARCÍA-GARCÍA C, LÓPEZ MÉNDEZ I, LEAL VILLALPANDO P,
 CONTRERAS SALDÍVAR A, VILATOBÁ CHAPA M,
 CASTRO NARRO GE

INSTITUTO NACIONAL DE CIENCIAS MÉDICAS Y NUTRICIÓN "SALVADOR
 ZUBIRÁN", MEXICO CITY, MEXICO.

**05
CURRENT OVERVIEW OF THE CIRRHOSIS BY
HEPATITIS C AND LIVER TRANSPLANTATION IN
THE TRANSPLANT UNIT, HOSPITAL GENERAL CMN
LA RAZA, IMSS**

MARTÍNEZ-SALDÍVAR B,^{*} VALDÉS-ÁNGELES V,^{*}
 SANTOS-CABALLERO M,[†] SANSON-NAVARRO G,[‡]
 DÍAZ-PINEDA M,[‡] FLORES-ARROYO A,[§]

HERNÁNDEZ-AGUILAR C,^{||} HERNÁNDEZ-DOMÍNGUEZ M^{||}

^{*}LIVER TRANSPLANT UNIT HG, CMN LA RAZA, [†]CHIEF TRANSPLANT UNIT HG,
 CMN LA RAZA.

[‡]STUDENTS UNAM MEDICINE SCHOOL, [§]LIVER UNIT, INSTITUTO DE
 PENSIONES DEL ESTADO DE JALISCO. ^{||}HOSPITAL CENTRAL SUR PEMEX
 PICACHO.

^{||}CHIEF OF TRANSPLANT DIVISION HGC CMN LA RAZA.

X. HEPATIC TUMORS**01
RESECTION OF FOCAL NODULAR HYPERPLASIA IN
A PATIENT WITH HEPATITIS C VIRUS**

GUZMÁN-LEPE A,^{*} GARCÍA-ZERMEÑO KR,^{*}
 ALONZO-GARCÍA CJ,^{*} VELARDE-RUIZ VELASCO JA,^{*}
 SALADO-RENTERÍA JH,^{**} DELGADO-BORUNDA JA,^{**}
 HARO-GARCÍA MA^{**}

^{*}DEPARTAMENTO DE GASTROENTEROLOGÍA, ^{**}DEPARTAMENTO DE
 CIRUGÍA GENERAL, HOSPITAL CIVIL FRAY ANTONIO ALCALDE,
 GUADALAJARA, JALISCO, MÉXICO.

**02
GROWTH DIFFERENTIATION FACTOR 11 INDUCES
CELL CYCLE ARREST DECREASING MALIGNANCY IN
HUMAN HEPATOCELLULAR CARCINOMA CELLS**

GERARDO-RAMÍREZ M,^{*} JIMÉNEZ-SALAZAR J,^{**}
 LAZZARINI-LECHUGA R,^{**} HERNÁNDEZ-RIZO S,^{*}
 SIMONI-NIEVES A,^{*} FERNÁNDEZ-CHECA JC,^{***}
 GARCÍA-RUIZ C,^{***} MARQUARDT JU,^{****}
 GUTIÉRREZ-RUIZ M C,^{*} PÉREZ-AGUILAR BE,^{*}
 GÓMEZ-QUIROZ LE^{*}

^{*}DEPARTAMENTO DE CIENCIAS DE LA SALUD, ^{**}DEPARTAMENTO DE
 BIOLOGÍA DE LA REPRODUCCIÓN, UNIVERSIDAD AUTÓNOMA
 METROPOLITANA, MEXICO.

^{***}DEPARTMENT OF CELL DEATH AND PROLIFERATION, INSTITUTO
 INVESTIGACIONES BIOMÉDICAS DE BARCELONA, CSIC, BARCELONA, SPAIN.

^{****}DEPARTMENT OF MEDICINE I, JOHANNES GUTENBERG UNIVERSITY,
 MAINZ, GERMANY.

**03
CHARACTERIZATION OF HEPATOCELLULAR
CARCINOMA CASES PRESENTING IN A TERTIARY
HEALTHCARE FACILITY**

FLOREZ MEDELLÍN D, VILLEGAS GARCÍA F, DEL REAL
 CALZADA C, MARTÍNEZ SILVA F, VARGAS ÁNGELES R,
 BERNARDINO DEL RÍO M, CASTILLO BARRADAS M, RIZO
 ROBLES M

DEPARTMENT OF GASTROENTEROLOGY, INSTITUTO MEXICANO DEL
 SEGURO SOCIAL, HOSPITAL DE ESPECIALIDADES "DR. ANTONIO FRAGA
 MOURET", CENTRO MÉDICO NACIONAL LA RAZA (HECMNR), MEXICO CITY,
 MEXICO.

**04
HYDATID CYST AS HEPATIC INCIDENTALOMA**

GARCÍA-ZERMEÑO KR, VELARDE-RUIZ VELASCO JA,
GUZMÁN-LEPE A, OROZCO-MONTUFAR JA,
ZARAGOZA-SHERMAN CF,
ÁLVAREZ-LÓPEZ F,
SERVICE OF GASTROENTEROLOGY, CIVIL HOSPITAL "FRAY ANTONIO
ALCALDE", GUADALAJARA, JALISCO, MEXICO.

**05
MANAGEMENT OF HEPATOCARCINOMA WITH
CELECOXIB AND PENTOXIFILINE: 3 CASES REPORT**

JIMÉNEZ-LUEVANO MA, RAMÍREZ-FLORES S,
RODRÍGUEZ-VILLA P, JIMÉNEZ-PARTIDA MA,
CERVANTES-RODRÍGUEZ G,
FRANCO-TOPETE R, BRAVO-CUELLAR A
CLÍNICA DE HÍGADO, HOSPITAL REGIONAL VALENTÍN GÓMEZ FARÍAS
(ISSSTE), ZAPOPAN, JALISCO, MEXICO.

**06
NODULAR REGENERATIVE HYPERPLASIA OF THE
LIVER A DIAGNOSTIC TO CONSIDER IN PATIENTS
WITH CIRROSIS AND LIVER TUMOR:
PRESENTATION OF TWO CASES**

MARTÍNEZ-SALDÍVAR B,* VALDÉS-ÁNGELES V,*
SANTOS-CABALLERO M,† SANSON-NAVARRO G,‡
DÍAZ-PINEDA M,‡ FLORES-ARROYO A,§
HERNÁNDEZ-AGUILAR C,|| HERNÁNDEZ-DOMÍNGUEZ M¶
*LIVER TRANSPLANT UNIT HG CMN LA RAZA. †CHIEF TRANSPLANT UNIT HG
CMN LA RAZA. MEXICO.
‡STUDENTS UNAM MEDICINE SCHOOL. §LIVER UNIT INSTITUTO DE
PENSIONES DEL ESTADO DE JALISCO. MEXICO.
||HOSPITAL CENTRAL SUR PEMEX PICACHO. MEXICO.
¶CHIEF OF TRANSPLANT DIVISION HGC CMN LA RAZA. MEXICO.

**07
PRURITUS AS A PARANEOPLASTIC
MANIFESTATION OF HEPATOCELLULAR
CARCINOMA IN NON-CIRRHOTIC LIVER:
A CASE REPORT**

MARTÍNEZ-VÁZQUEZ KB, FLORES-PADILLA LG,
ANDA-GARAY JC, GARCÍA-FLORES OR
SERVICIO DE MEDICINA INTERNA, HOSPITAL DE ESPECIALIDADES "DR.
BERNARDO SEPÚLVEDA", CENTRO MÉDICO NACIONAL SIGLO XXI, CIUDAD
DE MÉXICO, MÉXICO.

**08
INCIDENCE AND EPIDEMIOLOGY OF
HEPATOCELLULAR CARCINOMA A IN A CENTER
OF THIRD LEVEL OF ATTENTION IN MEXICO: ITS
BEHAVIOR IN 5 YEARS**

FLORES RENTERIA F, REYES ZERMEÑO M,
RAMOS GÓMEZ V, PEDROZA TERÁN L, RAMOS RAUDRY E
GASTROENTEROLOGY SERVICE OF THE NATIONAL MEDICAL CENTER
NOVEMBER 20, ISSSTE, MEXICO CITY. MEXICO.