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阪原晴海

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- 発明の名称: 凍結治療装置

発明者：磯田治夫，阪原晴海，藤野 仁，鈴木壯志

出願人：国立大学法人浜松医科大学, ツインバード工業株式会社

出願番号：特願 2007-286595 (2009. 11. 2)

2. 国際出願

発明の名称：ジエチレントリアミン五酢酸誘導体、ガドリニウム-ジエチレント
アミン五酢酸誘導体の錯体及びMRI造影剤並びに富血性腫瘍特異性造影剤

出願人：国立大学法人静岡大学，国立大学法人浜松医科大学

出願人および発明者：山下光司，高橋雅樹，阪原晴海，竹原康雄，於剛，加藤
辰徳，上陰那央，押川達夫，青島堅吾

3. 国際出願日：2006年3月7日

国際出願番号：PCT/JP2006/304409

国際公開番号：WO 2006/095745 A1

国際公開日：2006年9月14日

4. 発明の名称：富血性腫瘍得意性造影剤

発明人：山下光司，高橋雅樹，阪原晴海，竹原康雄，押川達夫，青島堅吾

出願人：国立大学法人静岡大学，国立大学法人浜松医科大学

出願番号：特願 2005-062340 (2005. 3. 7)

5. 発明の名称：流れ場可視化装置，液体流路モデルの製造方法及び血流シミュレー
ーション方法

発明人：阪原晴海，磯田治夫，稻川正一，磯貝聰，西野耕一，武田伸一郎，小
杉隆司

出願人：西野耕一，武田伸一郎，(株)アールテック

出願番号：特願 2003-202537 (2003. 7. 28)

公開番号：特開 2005-040299 (2005. 2. 17)

6. 発明の名称：新規なデンドリマーおよび造影剤

発明者：山下光司，高橋雅樹，阪原晴海，竹原康雄，押川達夫，青島堅吾

出願人：財団法人 浜松科学技術研究振興会

出願番号：特願 2003-99222 (2003. 4. 2)

公開番号：特開 2004-307356 (2004. 11. 4)

竹原康雄

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状 どこまで使いこなせるか 磐田市立総合病院 腹部領域における有用性
SIGNA HDx3.0T Author : 寺田理希(磐田市立総合病院 放射線技術科),
竹原康雄, 平野勝也, 磯田治夫, 大杉正典, 神谷正貴, 井上和康, 大石哲也,
松下浩基, 八重樫拓, 持田佐和子, 内藤眞明, 倉掛康道, 小杉隆司, 大倉靖栄,
清水俊博, 梅原一浩, 安間武

Source : INNERVISION(0913-8919) 22 卷 9 号 Page46-49 (2007. 08)

- 論文種類：解説/特集 シソーラス用語：肝細胞癌(画像診断)；MRI；腎動脈(画像診断)；造影剤；動脈硬化症-アテローム性(画像診断)；シネ MRI；MRA；Gadopentetic Acid(診断的利用)；Ferumoxides(診断的利用)；磁気共鳴胆道脾管造影
- チェックタグ：ヒト；特集
2. 2007300021 【MRI の普及はなにをもたらすのか】 キーワードで読む MRI [PET との対比] MRI は FDG-PET に取って代わるか
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 新医療(0910-7991)34巻6号 Page76-78(2007.06)
- 論文種類：解説/特集
シソーラス用語：画像強調；感度と特異度；細胞低酸素；MRI；腫瘍(画像診断)；水素；アーチファクト；費用と費用分析；Fluorodeoxyglucose F18(診断的利用)；細胞増殖；糖代謝；陽電子放射型断層撮影
医中誌フリーキーワード：空間分解能
チェックタグ：特集
3. 2007290724 【これだけは知っておきたい画像診断のコツ 研修医のための胸・腹部 CT、MRI】 MRCP 胆管・脾管が見える
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 臨床研修プラクティス(1349-0524)4巻8号 Page62-64(2007.07)
- 論文種類：解説/特集
シソーラス用語：脾管(画像診断)；胆管(画像診断)；磁気共鳴胆道脾管造影；脾胆管合流異常(画像診断)
チェックタグ：ヒト；特集
4. 2007217341 【分子イメージング 現状と展望】 腫瘍の分子イメージング がん検出
Author : 竹原康雄(浜松医科大学附属病院 放射線部), 今野弘之
Source : 日本臨床(0047-1852)65巻2号 Page342-351(2007.02)
- 論文種類：解説/特集
シソーラス用語：MRI；腫瘍(画像診断, 放射線核種診断)；遺伝子診断；陽電子放射型断層撮影
チェックタグ：ヒト；中年(45~64)；男；女；特集
5. 2007180506 【閉塞性黄疸の画像診断】 MRI 検査
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 臨床画像(0911-1069)23巻4号 Page416-429(2007.04)
- 論文種類：解説/特集
シソーラス用語：画像強調；憩室(画像診断)；MRI；十二指腸疾患(画像診断)；症候群；脾炎(画像診断)；総胆管結石症(画像診断)；胆管炎(画像診断)；胆管癌(画像診断)；胆管腫瘍(画像診断)；胆汁うっ滞-肝外(画像診断)；胆汁うっ滞(画像診断)；胆囊腫瘍(画像診断)；ポリープ(画像診断)；磁気共鳴胆道脾管造影；黄疸-閉塞性(画像診断)；胆石(画像診断)

- 医中誌フリーキーワード: Lemmel 症候群(画像診断); Mirizzi 症候群(画像診断)
チェックタグ: ヒト; 特集
6. 2006209809 【胆道疾患治療戦略における MDCT, MRI 診断の役割】 胆道系における MRI, MRCP 直接造影法との比較
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 画像診断(0285-0524) 26巻 5号 Page562-575 (2006. 04)
論文種類 : 解説/特集
シソーラス用語 : 肝内胆管(画像診断); 胆管癌(病因, 画像診断, 外科的療法); 胆管腫瘍(悪性, 病因, 画像診断); 胆石症(画像診断, 外科的療法); 胆道閉鎖症(画像診断, 外科的療法); 腹腔鏡下胆囊摘出術; Ferumoxides(診断的利用); 磁気共鳴胆道脾管造影; 脾胆管合流異常(画像診断, 外科的療法); 胆道拡張症(病因, 画像診断, 外科的療法)
医中誌フリーキーワード : Ferric Ammonium Citrate(診断的利用); 拡散強調画像
チェックタグ : ヒト; 特集
7. 2006096196 【肝門部胆管癌に挑む】 MRI・MRCP
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 消化器内視鏡(0915-3217) 18巻 1号 Page41-56 (2006. 01)
論文種類 : 解説/特集
シソーラス用語: デジタルサブトラクション血管造影; 肝臓腫瘍(転移性); MRI; 腫瘍播種; リンパ性転移; 胆管腫瘍(悪性, 画像診断); 腹膜腫瘍(転移性); Klatskin 腫瘍(悪性, 画像診断, 転移性); Ferumoxides(診断的利用); 磁気共鳴胆道脾管造影
チェックタグ : ヒト; 特集
Abstract : 胆管癌において、その進展度診断は腫瘍の切除術式を左右し、予後をも左右する。MRI は MDCT と並んで、腫瘍の進展度診断に大きく貢献する可能性がある。特に胆道における腫瘍の局在診断、脈管浸潤、肝実質への浸潤は、呼吸ゲート 3D-MRCP、ガドリニウムキレート製剤や酸化鉄造影剤(SPIO)など、造影剤を駆使した息止め T1 強調画像、T2 強調画像を用いれば正確に行える可能性が高い。リンパ節転移診断における特異度と腹膜播種の感度が問題として残るが、一度の検査内で他のさまざまな画像診断に匹敵しうる多くの情報を提供しうるのは MR 検査の利点である(著者抄録)
8. 2006068131 【躯幹部 MR 拡散強調画像】 今何故、躯幹部拡散強調画像なのか?
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 日本磁気共鳴医学会雑誌(0914-9457) 25巻 4号 Page196-197 (2005. 10)
論文種類 : 解説/特集
シソーラス用語 : 医用電子工学; 画像強調; 感度と特異度; 機器のデザイン; 腫瘍(画像診断); 脳梗塞(画像診断); エコープラナーイメージング; MRA; 診療報酬
医中誌フリーキーワード : 拡散強調画像; 信号雜音比

- チェックタグ：ヒト；特集
9. 2006047147 【胆道癌血管浸潤例の諸問題】 胆管癌の脈管浸潤 MRI でどこまで診断できるか？
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 胆と脾(0388-9408) 26 卷 7 号 Page587-598 (2005. 07)
論文種類 : 解説/特集
シソーラス用語 : 画像強調; MRI; 肿瘍侵入性; 胆管癌(画像診断); 胆管腫瘍(画像診断, 悪性); Gadopentetic Acid(診断的利用); Ferumoxides(診断的利用)
チェックタグ : ヒト；特集
Abstract : 胆管癌において、脈管浸潤の有無は腫瘍の切除術式を左右し、予後をも左右する。MRI は MDCT や IDUS と並んで脈管浸潤の評価と病期診断に大きく貢献する可能性がある。そのためには、ガドリニウムキレート製剤や酸化鉄造影剤(SPIO)等、造影剤を駆使して、診断能の高い良好な画像を撮影することが必要である(著者抄録)
10. 2006031407 【癌取扱い規約からみた悪性腫瘍の病期診断と画像診断】 消化器癌 胆道
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 臨床放射線(0009-9252) 50 卷 11 号 Page1399-1415 (2005. 10)
論文種類 : 解説/特集
シソーラス用語 : 肝臓腫瘍(転移性, 画像診断, 外科的療法); 肿瘍進行度; 肿瘍侵入性; リンパ性転移; 胆管癌(画像診断); 胆管腫瘍(悪性, 画像診断, 外科的療法); 胆嚢腫瘍(悪性, 画像診断, 外科的療法); 門脈(画像診断, 外科的療法); 磁気共鳴胆道脾管造影; スピンエコー法
医中誌フリーキーワード : TNM 分類; 最大値投影; 撮像視野
チェックタグ : ヒト；特集
11. 2005198115 【脾腫瘍の画像診断】 MRCP
Author : 竹原康雄(浜松医科大学附属病院 放射線部)
Source : 臨床画像(0911-1069) 21 卷 6 号 Page618-631 (2005. 06)
論文種類 : 解説/特集
シソーラス用語 : 脾島細胞腫(画像診断); Secretin(診断的利用); 肿瘍侵入性(画像診断); 脾臓腫瘍(悪性, 画像診断); 囊胞腺腫-漿液性(画像診断); 囊胞腺腫-粘液性(画像診断); Gadopentetic Acid(診断的利用); 三次元イメージング; 脾管癌(画像診断); 磁気共鳴胆道脾管造影
医中誌フリーキーワード : MPR (Multiplanar Reconstruction); 脾管内乳頭腫瘍(悪性, 画像診断)
チェックタグ : ヒト；特集

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発明者：山下光司（静岡大学） 藤江三千男 中村悟己
出願番号：2007-35083

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「ジエチレントリアミン五酢酸誘導体、ガドリニウム-ジエチレントリアミン五酢酸誘導体の錯体及びMRI 造影剤並びに富血性腫瘍特異性造影剤」
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尾崎伸久

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2. GSC シンポジウム
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4. 第 37 回中部化学関係学協会支部連合秋季大会
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