|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 深圳邦健生物医疗设备股份有限公司  设计文档   |  |  | | --- | --- | | **项目名称** | 心电网络 | | **文件名称** | 数据库表设计文档 | | **适用范围** | 心电网络 | | **文件编号** | v4.0.1 | | **版本** | V4.0.1 | | **编制/日期** | 刘美方 | | **审核/日期** |  | | **审核/日期** |  | | **批准/日期** |  | | **电子档字节数** |  | | **生效日期** |  | |

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| **修订记录** | | | |
| **版本** | **修订内容概述** | **修订人** | **修订日期** |
| V4.0.2 | 病人信息表增加IdNum[32]字段  检查单表，增加RefPhysician、AdviceNo、PrintDate字段 | 陆垚 | 2014.12.1 |
| V4.0.3 | 增加设备设置表(DeviceSet),取消动态心电结论检查表  检查单表增加3个自定义字段 | 陆垚 | 2014.12.12 |
| V4.0.4 | 删除角色表(Role)中的MenuId字段；新增角色权限表(RolePermission)。 | 查道良 | 2015.1.14 |
| V4.0.5 | 表exceptionlog、loginlog、operationlog中，添加hospitalId字段。 | 查道良 | 2015.3.5 |
| V4.0.6 | 消息表message中，修改MessageId类型为varchar(36)。 | 查道良 | 2015.4.1 |
| V4.0.7 | 表application中，添加AdviceDoctorID字段。 | 查道良 | 2015.4.20 |
| V4.0.8 | 表application中，添加ReportDoctorId字段。 | 查道良 | 2015.6.30 |
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**数据库名：biocare\_ecg**

# 表名：application(心电检查单)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | ApplicationId | varchar | 36 |  | 是 |  | 否 |  | ID号;主键 |
| 2 | PatientId | varchar | 36 |  |  | 是 | 是 |  | 病人ID |
| 3 | HospitalId | int | 11 |  |  | 是 | 是 |  | 医院Id |
| 4 | DeviceId | varchar | 36 |  |  | 是 | 是 |  | 检查设备Id |
| 5 | DeviceType | tinyint | 4 |  |  |  | 是 | 0 | 检查设备类型  0：未知1：IE12 2：IE12A 3：IE12D  4：IE15 5：IE16 6：IE3  7：IE6 8：0-iH3 9:1-iH12 |
| 6 | PatientName | varchar | 50 |  |  |  | 否 |  | 姓名 |
| 7 | ApplicationType | tinyint | 4 |  |  |  | 否 | 0 | 检查单类型  0:正常 1：加急 |
| 8 | PatientNo | varchar | 50 |  |  |  | 是 |  | 病历编号 |
| 9 | Sex | tinyint | 4 |  |  |  | 是 | 0 | 性别  0:未知 1:男 2:女 |
| 10 | Age | int | 11 |  |  |  | 是 |  | 年龄 |
| 11 | CheckItem | tinyint | 4 |  |  |  | 否 | 1 | 检查项目类型  0:12导联 1:15导联 3:16导联  4:18导联 5:3导VCG 6:3导VLP  7:1导HRV 8:节律 9:动态心电  10:动态血压  2:12导联同步心电+3导心向量 |
| 12 | MedicalType | tinyint | 4 |  |  |  | 是 | 0 | 就诊类型  0:未知 1:门诊 2:住院 |
| 13 | MedicalRecordNo | varchar | 50 |  |  |  | 是 |  | 流水号 |
| 14 | OutpatientNo | varchar | 50 |  |  |  | 是 |  | 门诊号 |
| 15 | HospitalizedNo | varchar | 50 |  |  |  | 是 |  | 住院号 |
| 16 | Ward | varchar | 50 |  |  |  | 是 |  | 病房号(病区) |
| 17 | BedNo | varchar | 50 |  |  |  | 是 |  | 床号 |
| 18 | MedicareNo | varchar | 32 |  |  |  | 是 |  | 医保卡号 |
| 19 | AdviceTime | datetime |  |  |  |  | 是 |  | 申请时间 |
| 20 | AdviceDept | varchar | 50 |  |  |  | 是 |  | 申请科室 |
| 21 | AdviceDoctor | varchar | 50 |  |  |  | 是 |  | 申请医生 |
| 22 | AppointmentTime | datetime |  |  |  |  | 是 |  | 预约时间 |
| 23 | CollectDoctor | varchar | 50 |  |  |  | 是 |  | 检查医生/操作医生，技师 |
| 24 | ConsultationTime | datetime |  |  |  |  | 是 |  | 申请会诊时间 |
| 25 | CollectTime | datetime |  |  |  |  | 是 |  | 检查时间 |
| 26 | ReportDoctor | varchar | 50 |  |  |  | 是 |  | 报告医生 |
| 27 | ReportTime | datetime |  |  |  |  | 是 |  | 报告时间 |
| 28 | CheckedDoctor | varchar | 50 |  |  |  | 是 |  | 审核医生 |
| 29 | CheckedTime | datetime |  |  |  |  | 是 |  | 审核时间 |
|  | RefPhysician | Varchar | 50 |  |  |  | 是 |  | 助理药剂师、麻醉师 |
|  | AdviceNo | Varchar | 32 |  |  |  | 是 |  | 医嘱编号 |
|  | PrintDate | datetime |  |  |  |  | 是 |  | 打印时间 |
| 30 | State | tinyint | 4 |  |  |  | 否 | 1 | 检查单状态  0 未检查 1 已检查 2 申请审核  3 已审核 4 已报告 5 申请会诊  6会诊结束 7 已打印 |
| 31 | ClinicalInfo | varchar | 500 |  |  |  | 是 |  | 临床诊断 |
| 32 | Remark | varchar | 512 |  |  |  | 是 |  | 备注 |
| 33 | LocalId | varchar | 64 |  |  |  | 是 |  | 本地Id |
| 34 | UserDef1 | Varchar | 32 |  |  |  |  |  | 自定义1 |
| 35 | UserDef2 | Varchar | 32 |  |  |  |  |  | 自定义2 |
| 36 | UserDef3 | Varchar | 32 |  |  |  |  |  | 自定义3 |
| 37 | AdviceDoctorID | int | 11 |  |  |  | 否 |  | 检查医生ID |
| 38 | ReportDoctorId | int | 11 |  |  |  | 是 |  | 报告医生ID |

# 表名：category（类别）

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | CategoryId | int | 11 |  | 是 |  | 否 |  | Id号，主键(自动增长)auto\_increment |
| 2 | CategoryName | varchar | 50 |  |  |  | 否 |  | 类别名称 |

# 表名：categoryitem（类别小类）

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | CategoryItemId | int | 11 |  | 是 |  | 否 |  | Id号，主键(自动增长)auto\_increment |
| 2 | CategoryId | int | 11 |  |  | 是 | 否 |  | 父类Id |
| 3 | ItemName | varchar | 50 |  |  |  | 否 |  | 名称 |
| 4 | ItemValue | int | 11 |  |  |  | 否 |  | 值 |
| 5 | IsDefault | tinyint | 1 |  |  |  | 否 | 0 | 是否默认值 |
| 6 | OrderNo | int | 11 |  |  |  | 否 | 1 | 排序号 |

# 表名：config(配置表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | ConfigId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | KeyName | varchar | 50 |  |  |  | 否 |  | Key名称 |
| 3 | KeyValue | varchar | 50 |  |  |  | 否 |  | Key值 |
| 4 | HospitalId | int | 11 |  |  | 是 | 是 |  | 医院Id |

# 表名：department（科室表）

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | DepartmentId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | HospitalId | int | 11 |  |  | 是 | 是 |  | 医院Id |
| 3 | DepartmentName | varchar | 100 |  |  |  | 否 |  | 科室名称 |

# 表名：device(设备表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | DeviceId | varchar | 36 |  | 是 |  | 否 |  | ID号 |
| 2 | HospitalId | int | 11 |  |  | 是 | 是 |  | 医院Id |
| 3 | DeviceType | tinyint | 4 |  |  |  | 否 | 0 | 检查设备类型  0：未知 1：IE12 2：IE12A 3：IE12D  4：IE15 5：IE16 6：IE3  7：IE6 8：0-iH3 9:1-iH12 |
| 4 | DeviceName | varchar | 50 |  |  |  | 否 |  | 设备名称 |
| 5 | State | tinyint | 4 |  |  |  | 否 | 1 | 设备状态  1:启用2:停用 3：维修中 |
| 6 | CreatedAt | datetime |  |  |  |  | 否 |  | 创建时间 |
| 7 | CreateId | int | 11 |  |  |  | 否 |  | 创建人Id |
| 8 | UpdatedAt | datetime |  |  |  |  | 是 |  | 更新时间 |
| 9 | UpdatedId | int | 11 |  |  |  | 是 |  | 更新人Id |

# 表名：DeviceSet (设备设置表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | DeviceSetId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | ApplicationId | varchar | 36 |  |  | 是 | 是 |  | 心电检查单Id |
| 7 | AnalFlag | tinyint | 4 |  |  |  | 是 |  | 分析标志 |
| 8 | DayCount | int | 11 |  |  |  | 是 |  | 病历记录的天数 |
| 9 | BeginTime | datetime |  |  |  |  | 是 |  | 开始记录时间 |
| 10 | RecordLength | int | 11 |  |  |  | 是 |  | 记录时间长度 |
| 11 | LeadType | tinyint | 4 |  |  |  | 是 |  | 导联类型 |
| 12 | SampleRate | int | 11 |  |  |  | 是 |  | 采样率 |
| 13 | AdGain | int | 11 |  |  |  | 是 |  | AD增益 |
| 14 | PaceSwitch | tinyint | 4 |  |  |  | 是 |  | 起搏开关,十二导时：0-关，1-V2/I,2-V3/I,3-V2/II,4-V3/II；三导时：0-关，1-I |
| 15 | BatteyInfo | int | 11 |  |  |  | 是 |  | 电池欠压时间，点数 |
| 16 | VlpSwitch | tinyint | 4 |  |  |  | 是 |  | 心室晚电位开关，0-关，1-开 |

# 表名：StaticEcg (静态心电检查结果)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | StaticEcgId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | ApplicationId | varchar | 36 |  |  |  | 是 |  | 检查单Id |
| 3 | Rate | smallint | 6 |  |  |  | 是 |  | 心率 |
| 4 | PRInterval | smallint | 6 |  |  |  | 是 |  | PR间期 |
| 5 | QRSDuration | smallint | 6 |  |  |  | 是 |  | QRS时限 |
| 6 | QTInterval | smallint | 6 |  |  |  | 是 |  | QT间期 |
| 7 | QTcInterval | smallint | 6 |  |  |  | 是 |  | QTc间期 |
| 8 | PAxes | smallint | 6 |  |  |  | 是 |  | P电轴 |
| 9 | QRSAxes | smallint | 6 |  |  |  | 是 |  | QRS电轴 |
| 10 | TAxes | smallint | 6 |  |  |  | 是 |  | T电轴 |
| 11 | RV5 | decimal | 7 | 4 |  |  | 是 |  | RV5 |
| 12 | SV1 | decimal | 7 | 4 |  |  | 是 |  | SV1 |
| 13 | RS | decimal | 7 | 4 |  |  | 是 |  | RS |
| 14 | Feature | varchar | 500 |  |  |  | 是 |  | 特征 |
| 15 | Diagnosis | varchar | 500 |  |  |  | 是 |  | 诊断结果 |
| 16 | IsSendToHIS | tinyint | 1 |  |  |  | 是 | 0 | 是否发送给His |
| 17 | ImageName | varchar | 260 |  |  |  | 是 |  | 图片路径 |
| 18 | IsConsultation | tinyint | 1 |  |  |  | 否 | 0 | 是否会诊 |
| 19 | ConsultationHospital | int | 11 |  |  |  | 是 |  | 会诊医院Id |
| 20 | ConsultationDoctor | varchar | 36 |  |  |  | 是 |  | 会诊医生 |
| 21 | ConsultationTime | datetime |  |  |  |  | 是 |  | 会诊时间 |

# 表名：ecgfile（心电图文件）

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | EcgFileId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | ApplicationId | varchar | 36 |  |  |  | 是 |  | 检查单Id |
| 3 | FilePath | varchar | 100 |  |  |  | 否 |  | 文件路径 |
| 4 | PatientName | varchar | 50 |  |  |  | 是 |  | 病人名字 |
| 5 | Sex | tinyint | 4 |  |  |  | 是 |  | 性别 |
| 6 | Age | int | 11 |  |  |  | 是 |  | 年龄 |
| 7 | CreatedAt | datetime |  |  |  |  | 否 |  | 创建时间 |
| 8 | fileType | tinyint | 1 |  |  |  | 否 | 1 | 1. 静态心电图原始文件 2. 动态心电图原始文件 3. 动态心电图结果文件   动态心电图备份文件 |

# 表名：exceptionlog(系统异常日志表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | ExceptionLogId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | HospitalId | int | 11 |  |  |  | 是 |  |  |
| 3 | Thread | varchar | 255 |  |  |  | 否 |  | 线程名 |
| 4 | LogLevel | varchar | 50 |  |  |  | 否 |  | 错误级别 |
| 5 | Logger | varchar | 255 |  |  |  | 否 |  |  |
| 6 | Message | varchar | 4000 |  |  |  | 否 |  | 错误信息 |
| 7 | Exception | varchar | 4000 |  |  |  | 是 |  | 详细信息 |
| 8 | CreateAt | datetime |  |  |  |  | 否 |  |  |

# 表名：generalEcg(通用心电检查结果)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | GeneralEcgId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | ApplicationId | varchar | 36 |  |  | 是 | 是 |  |  |
| 3 | Feature | varchar | 500 |  |  |  | 是 |  | 特征 |
| 4 | Diagnosis | varchar | 500 |  |  |  | 是 |  | 诊断结果 |

# 表名：healthinfo(健康信息)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | HealthInfoId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | PatientId | varchar | 36 |  |  |  | 是 |  | 病人Id |
| 3 | Height | decimal | 5 | 2 |  |  | 是 |  | 身高 (单位:cm);默认值0 |
| 4 | Weight | decimal | 5 | 2 |  |  | 是 |  | 体重 (单位:kg);默认值0 |
| 5 | BloodPressure | smallint | 6 |  |  |  | 是 |  | 血压 (单位:mmHg) |
| 6 | DrugTherapy | varchar | 512 |  |  |  | 是 |  | 用药 |
| 7 | Symptom | varchar | 1000 |  |  |  | 是 |  | 病症:以“,”隔开 |
| 8 | Pacemaker | tinyint | 1 |  |  |  | 是 | 0 | 心脏起搏器  0:无 1:有 |
| 9 | RiskFactor | varchar | 1000 |  |  |  | 是 |  | 危险因素:以“,”隔开 |
| 10 | HeightUnit | tinyint | 1 |  |  |  | 否 | 0 | 身高单位:0为cm, 2 m |
| 11 | WeightUnit | tinyint | 1 |  |  |  | 否 | 0 | 体重单位:0为kg, |
| 12 | BloodType | tinyint | 4 |  |  |  | 是 | 0 | 血型  0:不明 1:A型 2:B型  3:O型 4:AB型 9:其他 |

# 表名：hospital（医院表）

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | HospitalId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | HospitalName | varchar | 100 |  |  |  | 否 |  | 医院名称 |
| 3 | Phone | varchar | 50 |  |  |  | 是 |  | 电话 |
| 4 | Adress | varchar | 50 |  |  |  | 是 |  | 地址 |
| 5 | Remark | varchar | 500 |  |  |  | 是 |  | 备注 |
| 6 | CollaboratorIds | varchar | 1000 |  |  |  | 是 |  | 会诊医院以，隔开 |
| 7 | CreatedAt | datetime |  |  |  |  | 否 |  | 创建时间 |
| 8 | CreateId | int | 11 |  |  |  | 否 |  | 创建人Id |
| 9 | UpdatedAt | datetime |  |  |  |  | 是 |  | 更新时间 |
| 10 | UpdatedId | int | 11 |  |  |  | 是 |  | 更新人Id |

# 表名：loginlog(登录日志表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | LoginLogId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | HospitalId | int | 11 |  |  |  | 是 |  |  |
| 3 | UserName | varchar | 50 |  |  |  | 否 |  | 用户名 |
| 4 | ClientType | tinyint | 4 |  |  |  | 否 | 1 | 登录类别  1：工作站  2：Web |
| 5 | Result | tinyint | 4 |  |  |  | 否 |  | 登录描述 |
| 6 | IP | varchar | 64 |  |  |  | 否 |  | IP |
| 7 | CreateAt | datetime |  |  |  |  | 否 |  | 登录时间 |

# 表名：menu

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | MenuId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | MenuName | varchar | 50 |  |  |  | 否 |  | 菜单名称 |
| 3 | MenuType | tinyint | 4 |  |  |  | 否 | 1 | 菜单类型：  1：web菜单 2：工作站的菜单 |
| 4 | ParentId | int | 11 |  |  |  | 否 |  | 父菜单Id |
| 5 | Url | varchar | 200 |  |  |  | 是 |  | URL |
| 6 | Icon | varchar | 50 |  |  |  | 否 |  | 菜单样式 |
| 7 | OrderNo | int | 11 |  |  |  | 否 | 0 | 排序号 |
| 8 | MenuLevel | tinyint | 4 |  |  |  | 是 |  | 菜单等级 |
| 9 | MenuCode | varchar | 50 |  |  |  | 是 |  | 菜单code |
| 10 | IsMenu | tinyint | 1 |  |  |  | 否 | 1 | 是否是菜单  0：功能 1：菜单 |

# 表名：message(消息表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | MessageId | varchar | 36 |  | 是 |  | 否 |  |  |
| 2 | PublisherId | int | 11 |  |  |  | 否 |  | 消息发送者Id |
| 3 | MsgType | int | 11 |  |  |  | 否 | 1 | 消息类型：  1检查消息 2报告消息 |
| 4 | Body | varchar | 500 |  |  |  | 否 |  | 消息内容 |
| 5 | ApplicationId | varchar | 36 |  |  |  | 是 |  | 心电检查单Id |
| 6 | CreatedAt | datetime |  |  |  |  | 否 |  | 创建时间 |

# 表名：messageviewer(消息查看记录)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | MessageViewerId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | MessageId | int | 11 |  |  |  | 是 |  | 消息Id |
| 3 | SubscriberId | int | 11 |  |  |  | 否 |  | 订阅者Id |
| 4 | CreatedAt | datetime |  |  |  |  | 否 |  | 创建时间 |

# 表名：operationlog(操作日志)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | OperationLogId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | HospitalId | int | 11 |  |  |  | 是 |  |  |
| 3 | UserName | varchar | 50 |  |  |  | 否 |  | 用户名 |
| 4 | Message | varchar | 4000 |  |  |  | 否 |  | 操作消息 |
| 5 | CreateAt | datetime |  |  |  |  | 否 |  | 创建时间 |

# 表名：patient( 病人表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | PatientId | varchar | 36 |  | 是 |  | 否 |  | 主键 |
| 2 | HospitalId | int | 11 |  |  | 是 | 是 |  | 医院Id |
|  | IdNum | Varchar | 32 |  |  |  | 是 |  | 病人信息,主ID号，心电图机字段 |
| 3 | LastName | varchar | 32 |  |  |  | 是 |  | 姓 |
| 4 | FirstName | varchar | 32 |  |  |  | 是 |  | 名 |
| 4 | Sex | tinyint | 4 |  |  |  | 是 | 0 | 性别  0:未知 1:男 2:女 |
| 5 | Birthdate | datetime |  |  |  |  | 是 |  | 出生日期 |
|  |  |  |  |  |  |  |  |  |  |
| 7 | Phone | varchar | 50 |  |  |  | 是 |  | 手机号 |
| 8 | Email | varchar | 50 |  |  |  | 是 |  | 邮箱 |
| 9 | Adress | varchar | 100 |  |  |  | 是 |  | 地址 |
| 10 | Career | varchar | 50 |  |  |  | 是 |  | 职业 |
| 11 | Nation | varchar | 20 |  |  |  | 是 |  | 国籍 |
| 12 | IDNo | varchar | 50 |  |  |  | 是 |  | 身份证号 |
| 13 | MedicalCardNo | varchar | 50 |  |  |  | 是 |  | 医保卡号 |
| 14 | DataSrc | tinyint | 4 |  |  |  | 否 | 1 | 数据来源  1：本系统录入 2 His系统 |
| 15 | CreatedAt | datetime |  |  |  |  | 否 |  | 创建时间 |
| 16 | CreateId | int | 11 |  |  |  | 否 |  | 创建人Id |
| 17 | UpdatedAt | datetime |  |  |  |  | 是 |  | 更新时间 |
| 18 | UpdatedId | int | 11 |  |  |  | 是 |  | 更新人Id |
| 19 | Race | tinyint | 4 |  |  |  | 是 | 0 | 种族  0:未知 1:亚洲人 2:高加索人 3:黑人 4:东方人 5:西班牙人 6:美洲印第安人 7:爱斯基摩人8:夏威夷人 9:太平洋岛人 10:蒙古人 11:其他 |

# 表名：role(角色表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | RoleId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | RoleName | varchar | 50 |  |  |  | 否 |  | 角色名称 |
| 3 | OrgId | int | 11 |  |  |  | 否 | 0 | 医院Id |

# 表名：subscriberrecord(消息订阅记录)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | SubscriberRecordId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | SubscriberId | int | 11 |  |  |  | 否 |  | 订阅者Id |
| 3 | PublisherId | int | 11 |  |  |  | 是 |  | 发布者Id |
| 4 | MsgType | int | 11 |  |  |  | 否 |  | 消息类型：  1检查消息 2报告消息 |
| 5 | CreatedAt | datetime |  |  |  |  | 否 |  | 创建时间 |
| 6 | CreatedId | int | 11 |  |  |  | 否 |  | 创建人Id |
| 7 | UpdatedAt | datetime |  |  |  |  | 是 |  | 更新时间 |
| 8 | UpdatedId | int | 11 |  |  |  | 是 |  | 更新人Id |

# 表名：userinfo（用户表）

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | UserId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | UserName | varchar | 50 |  |  |  | 否 |  | 用户名 |
| 3 | UserPwd | char | 32 |  |  |  | 否 |  | 密码 |
| 4 | RealName | varchar | 50 |  |  |  | 否 |  | 姓名 |
| 5 | State | tinyint | 4 |  |  |  | 否 | 1 | 状态  1 开启，2 停用,3:未审核 |
| 6 | Sex | tinyint | 4 |  |  |  | 是 | 0 | 性别  0:未知 1:男 2:女 |
| 7 | Birthday | datetime |  |  |  |  | 是 |  | 出生日期 |
| 8 | Phone | varchar | 50 |  |  |  | 是 |  | 联系号码 |
| 9 | IDNo | varchar | 50 |  |  |  | 是 |  | 身份证号 |
| 10 | Job | tinyint | 4 |  |  |  | 是 | 0 | 职业：  0：未知1：医生 2：护士  3：副主任医生 4：主任医生  5：专家 6:院长 7医院管理员 |
| 11 | Education | tinyint | 4 |  |  |  | 是 | 0 | 学历  0未知 1小学2初中3高中4专科  5本科6研究生7博士20其他 |
| 12 | Email | varchar | 50 |  |  |  | 是 |  | 邮箱 |
| 13 | Remark | varchar | 512 |  |  |  | 是 |  | 备注 |
| 14 | IsEnableElecSignature | tinyint | 1 |  |  |  | 否 | 0 | 是否图片签名 |
| 15 | SignatureFilePath | varchar | 260 |  |  |  | 是 |  | 图片文件路径 |
| 16 | CreatedAt | datetime |  |  |  |  | 否 |  | 创建时间 |
| 17 | CreatedId | int | 11 |  |  |  | 否 |  | 创建人Id |
| 18 | UpdatedAt | datetime |  |  |  |  | 是 |  | 更新时间 |
| 19 | UpdatedId | int | 11 |  |  |  | 是 |  | 更新人Id |
| 20 | DepartmentId | int | 11 |  |  | 是 | 是 |  | 科室Id |
| 21 | HospitalId | int | 11 |  |  | 是 | 是 |  | 医院Id |

# 表名：userrole(用户角色表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | UserRoleId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | RoleId | int | 11 |  |  |  | 是 |  | 角色Id |
| 3 | UserId | int | 11 |  |  |  | 是 |  | 用户Id |

# 表名：RolePermission(角色权限表)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **序号** | **列名** | **数据类型** | **长度** | **小数位** | **主键** | **外键** | **允许空** | **默认值** | **说明** |
| 1 | RolePermissionId | int | 11 |  | 是 |  | 否 |  | auto\_increment |
| 2 | RoleId | int | 11 |  |  | 是 | 否 |  | 角色Id |
| 3 | MenuId | int | 11 |  |  | 是 | 否 |  | 权限Id |