医师工作平台功能说明

1. 基础架构（李丁玲）
   1. 医院信息管理
2. **功能描述：**

医院信息来源有两个方面，一是来源于医院在平台进行注册，二是由管理员添加。医院的基本信息在平台由后台管理员进行维护，医院管理用户也可以维护一下自己的信息。此次需特别注意维护医院的webservice地址信息。

1. **输入数据：**

HIS系统表：

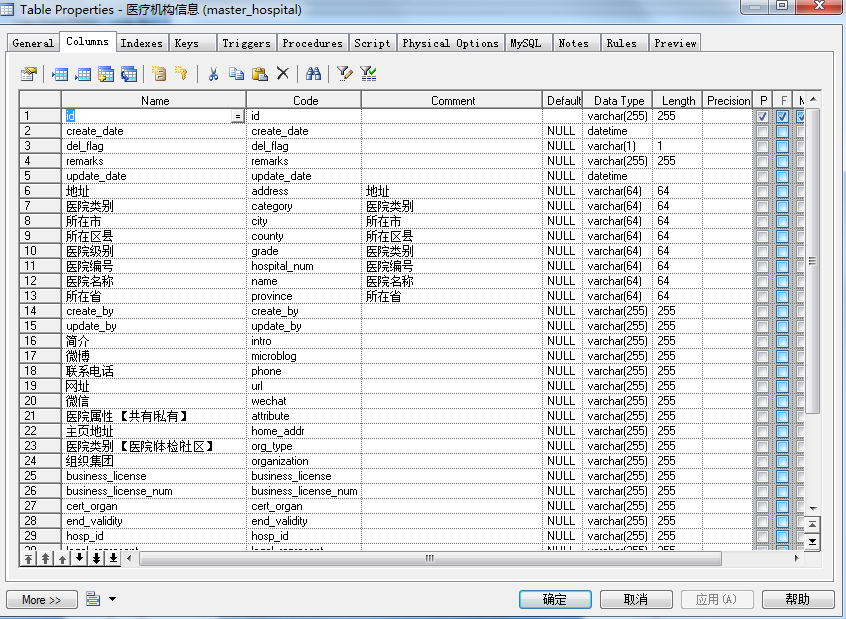
医院基本情况 HOSPITAL\_CONFIG包括名称、医院代码、地理位置、系统授权码、地理位置、验证码等。（注释：此表用于医院信息系统的配置。每个系统只有一行，由系统安装时生成。由各个应用程序在用户登录时校验用户合法性以及提取医院名称等时使用）

行政区字典 AREA\_DICT（不必导入、使用平台数据）

1. **输出数据：**

His系统输出：医院基本情况HOSPITAL\_CONFIG

在平台中，使用医院基本信息 master\_hospital;此表增加webservice地址和验证密码字段，用于服务接口管理功能开发。



* 1. 科室信息管理

1. **功能描述：**

科室管理是医院内管理各科室的配置及其属性，由医院管理员负责维护。科室数据由his系统导入，在平台中需维护其科室分类、是否可签约信息。对医院内科室的字段、信息需进行定期更新。

1. **输入信息：**

His系统表：

科室临床属性字典DEPT\_CLINIC\_ATTR\_DICT

科室门诊住院属性字典DEPT\_OI\_ATTR\_DICT

科室内外科属性字典DEPT\_IS\_ATTR\_DICT

科室字典 DEPT\_DICT

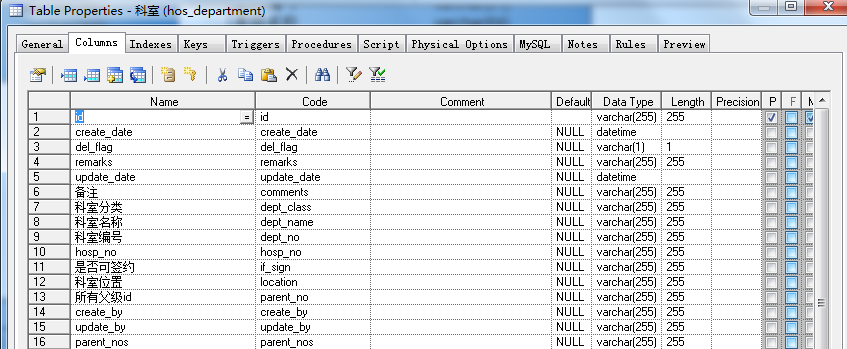
平台数据：

科室类别 sys\_department 医院科室 hos\_department

1. **输出信息：**

His系统输出：科室字典 DEPT\_DICT

平台数据：医院科室 hos\_department。需要有科室分类、是否可签约、医院主键等。



* 1. 工作组信息管理

1. **功能描述**

一个工作人员物理上只能属于一个行政单位，而不同的应用程序在选取工作人员时，对同一个工作人员的归属有不同的要求。通过组定义了逻辑上的单位，允许一个人属于多个不同的组。组由用户定义。

1. **输入信息**

**His系统表：**

**工作组字典 STAFF\_GROUP\_DICT**主键：组类、组代码

**工作人员分组情况 STAFF\_VS\_GROUP**

注释：此表定义了工作人员所属于的组。

主键：组类、组代码、人员编号索引：人员编号

**工作人员字典 STAFF\_DICT**

注释：此表用于记录工作人员简要情况，被整个系统所使用。

主键：ID 索引：本系统用户名

1. **输出信息**

工作组字典 STAFF\_GROUP\_DICT需添加医院字段

工作人员分组情况 STAFF\_VS\_GROUP需添加医院字段，人员编码需按照平台的人员进行对照。

医师可以在平台查看自己所在的医院、科室和工作组信息；诊疗工作根据这些信息进行判断、限定。

* 1. 医生信息管理

1. **功能描述**

医师基本信息有两个来源，一是在平台进行注册的医师，二是医院内部信息的导入。

1. **输入信息**
2. **平台注册**医师信息表master\_doctorinfo
3. **数据导入**工作人员字典 STAFF\_DICT
4. **输出信息**

平台注册医师master\_doctorinfo——》his系统STAFF\_DICT

医院内部医师his系统STAFF\_DICT——》平台医师master\_doctorinfo

以及相关字典、用户名密码信息。

1. 基础字典（张倍铭）
   1. 物价信息
   2. 药品信息
   3. 耗材信息
   4. 诊断信息
   5. 其他字典
2. 预约挂号（李圣洁）

挂号的号表要进行详细的安排（号类定义+门诊安排+号表生成）。

* 1. 号源发布

1. **功能描述：**

根据门诊安排生成一定日期内的号表，便于个人进行预约挂号。

1. **输入输出数据：**

|  |  |
| --- | --- |
| 输入数据 | 输出数据 |
| CLINIC\_TYPE\_SETTING(号类) |  |
| CLINIC\_TYPE\_CHARGE\_DICT(号类收费设置表) |  |
| CLINIC\_INDEX(号别) |  |
| CLINIC\_FOR\_REGIST(门诊号表) |  |
| DEPT\_DICT(科室字典) |  |

1. **执行语句：**

1、号类

①号类设置(CLINIC\_TYPE\_SETTING)

SELECT DISTINCT "CLINIC\_TYPE\_SETTING"."SERIAL\_NO" ,

"CLINIC\_TYPE\_SETTING"."CLINIC\_TYPE"

FROM "CLINIC\_TYPE\_SETTING"

②号类收费设置表 CLINIC\_TYPE\_CHARGE\_DICT(新增，主键为号类.就诊类别.费用类别，只有初诊)

SELECT "CLINIC\_TYPE\_CHARGE\_DICT"."CLINIC\_TYPE",

"CLINIC\_TYPE\_CHARGE\_DICT"."REGIST\_TYPE",

"CLINIC\_TYPE\_CHARGE\_DICT"."CHARGE\_ITEM" ,

"CLINIC\_TYPE\_CHARGE\_DICT"."CALCULATE\_TYPE" ,

"CLINIC\_TYPE\_CHARGE\_DICT"."CALCULATE\_VALUE"

FROM "CLINIC\_TYPE\_CHARGE\_DICT"

WHERE ( "CLINIC\_TYPE\_CHARGE\_DICT"."CLINIC\_TYPE" = '精神普通' )

And ( "CLINIC\_TYPE\_CHARGE\_DICT"."REGIST\_TYPE" = '初诊' )

2、号别(门诊号别定义CLINIC\_INDEX)

SELECT "CLINIC\_INDEX"."CLINIC\_LABEL" ,

"CLINIC\_INDEX"."CLINIC\_DEPT" ,

"CLINIC\_INDEX"."DOCTOR" ,

"CLINIC\_INDEX"."DOCTOR\_TITLE",

"CLINIC\_INDEX"."CLINIC\_TYPE",

"CLINIC\_INDEX"."INPUT\_CODE",

"CLINIC\_INDEX"."CLINIC\_POSITION" ,

"CLINIC\_INDEX"."CLINIC\_INDEX"

FROM "CLINIC\_INDEX"

3、门诊号源

①门诊安排记录 CLINIC\_SCHEDULE(以周为描述单位，反映每日门诊出诊安排情况，不需要导入)

SELECT CLINIC\_SCHEDULE.CLINIC\_LABEL,

CLINIC\_SCHEDULE.DAY\_OF\_WEEK,

CLINIC\_SCHEDULE.TIME\_DESC,

CLINIC\_SCHEDULE.REGISTRATION\_LIMITS,

CLINIC\_SCHEDULE.APPOINTMENT\_LIMITS

FROM CLINIC\_SCHEDULE

②门诊号表(号表生成)

INSERT INTO "CLINIC\_FOR\_REGIST"

("CLINIC\_DATE","CLINIC\_LABEL","TIME\_DESC","REGISTRATION\_LIMITS","CURRENT\_NO",

"APPOINTMENT\_LIMITS", "REGIST\_PRICE", "REGISTRATION\_NUM", "APPOINTMENT\_NUM" )

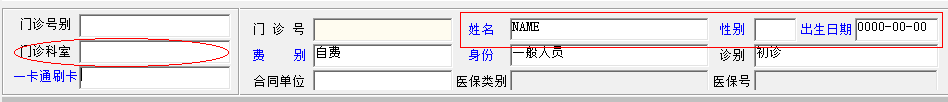
VALUES ( '2017-01-15 00:00:00', '儿科专家号', '昼夜', '12', '1', '10', '0.00', '0', '0' )

* 1. 门诊预约管理

1. **功能描述：**

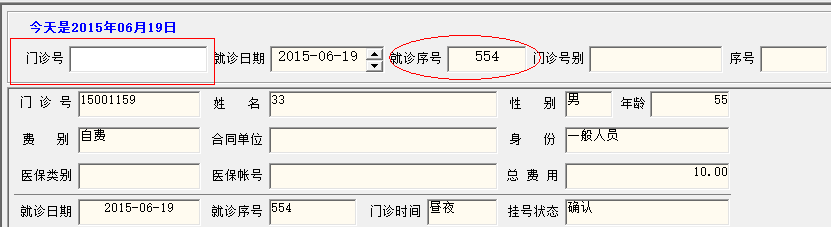
1、当日挂号可按科室查找号别。

2、必须录入个人姓名、性别、出生日期及选中号别才能进行预约操作。



3、退号时录入“门诊号”/“就诊序号”点击提取按钮查询退号详情。

4、缴费成功后写入就诊记录表中。



1. **输入输出数据：**

|  |  |
| --- | --- |
| 输入数据 | 输出数据 |
| "CLINIC\_FOR\_REGIST" | pat\_master\_index(病人主索引) |
| "CLINIC\_INDEX" | clinic\_for\_regist(门诊号表) |
| "DEPT\_DICT" | clinic\_master(就诊记录) |
| clinic\_for\_regist (门诊号表) | CLINIC\_RETURNED\_ACCT(门诊挂号退号记录) |
| from clinic\_master (就诊记录) |  |
| CLINIC\_INDEX (门诊号别) |  |
| staff\_dict(工作人员字典) |  |
| clinic\_type\_setting(号类设置，价表项目) |  |
| current\_price\_list (查询当前价表) |  |
| CHARGE\_PRICE\_SCHEDULE(收费系数优惠) |  |
| CHARGE\_PRICE\_SCHEDULE (特殊项) |  |
| charge\_special\_except\_dict(特殊项目排斥字典) |  |
| charge\_special\_item\_dict(收费特殊项目字典) |  |
| clinic\_type\_charge\_dict (号类收费设置表) |  |

1. **执行语句：**

1、首页



SELECT "CLINIC\_FOR\_REGIST"."CLINIC\_LABEL",

"CLINIC\_FOR\_REGIST"."TIME\_DESC",

"CLINIC\_FOR\_REGIST"."REGISTRATION\_LIMITS",

"CLINIC\_FOR\_REGIST"."APPOINTMENT\_LIMITS",

"CLINIC\_FOR\_REGIST"."REGIST\_PRICE",

0,

"CLINIC\_INDEX"."CLINIC\_DEPT",

"CLINIC\_INDEX"."DOCTOR",

"CLINIC\_INDEX"."DOCTOR\_TITLE",

"CLINIC\_INDEX"."CLINIC\_TYPE",

"CLINIC\_FOR\_REGIST"."CURRENT\_NO",

'号','',0,

"CLINIC\_INDEX"."INPUT\_CODE",

"DEPT\_DICT"."POSITION",

"CLINIC\_INDEX"."CLINIC\_POSITION",

0 as aa,

"CLINIC\_INDEX"."CLINIC\_INDEX"

FROM "CLINIC\_FOR\_REGIST",

"CLINIC\_INDEX",

"DEPT\_DICT"

WHERE ( "CLINIC\_FOR\_REGIST"."CLINIC\_LABEL" = "CLINIC\_INDEX"."CLINIC\_LABEL" ) and

( "CLINIC\_INDEX"."CLINIC\_DEPT" = "DEPT\_DICT"."DEPT\_CODE" ) and

( CLINIC\_FOR\_REGIST.CLINIC\_DATE = TO\_DATE( '2015-06-18','YYYY-MM-DD') )

2、挂号



2.1 clinic\_for\_regist（门诊号表）

select registration\_limits , appointment\_limits , current\_no , registration\_num

from clinic\_for\_regist

where clinic\_date =TO\_DATE('2015-06-18','YYYY-MM-DD') and clinic\_label ='消化内一专家号'

and time\_desc ='昼夜'

2.2 from clinic\_master (就诊记录)

select count ( \*)

from clinic\_master

where mode\_code ='A' and visit\_date =TO\_DATE('2015-06-18','YYYY-MM-DD')

and clinic\_label ='消化内一专家号' and visit\_time\_desc ='昼夜' and returned\_date is null

2.3 CLINIC\_INDEX (门诊号别)

select clinic\_type , clinic\_position , clinic\_dept , doctor from CLINIC\_INDEX

where CLINIC\_LABEL ='消化内一专家号'

2.4 staff\_dict(工作人员字典)

select \* from staff\_dict where emp\_no ='000LJZ'

2.5 挂号费查询

1、clinic\_type\_setting(号类设置，价表项目)

select price\_item from clinic\_type\_setting

where charge\_item ='挂号费' and clinic\_type ='消化专家'

2、current\_price\_list (根据价表项目查询当前价表)

select item\_class , item\_spec , price from current\_price\_list

where item\_code ='OTHER0010'

3、CHARGE\_PRICE\_SCHEDULE(收费系数优惠)

select PRICE\_COEFF\_NUMERATOR,PRICE\_COEFF\_DENOMINATOR

from CHARGE\_PRICE\_SCHEDULE

where charge\_type ='自费'

4、CHARGE\_PRICE\_SCHEDULE (特殊项)

select charge\_special\_indicator from CHARGE\_PRICE\_SCHEDULE where charge\_type ='自费'

5、charge\_special\_except\_dict(收费特殊项目排斥字典)

SELECT proportion\_numerator , proportion\_denominator , free\_limit

FROM charge\_special\_except\_dict WHERE charge\_type ='自费' AND item\_class ='Z' AND ( item\_code ='OTHER0010' OR item\_code ='\*' )

AND ( item\_spec ='/' OR item\_spec ='\*' )

6、charge\_special\_item\_dict(收费特殊项目字典)

SELECT proportion\_numerator , proportion\_denominator , free\_limit

FROM charge\_special\_item\_dict

WHERE charge\_type ='自费' AND item\_class ='Z' AND ( item\_code ='OTHER0010' OR item\_code ='\*' ) AND ( item\_spec ='/' OR item\_spec ='\*' )

7、clinic\_type\_charge\_dict (号类收费设置表)

select calculate\_type , calculate\_value

from clinic\_type\_charge\_dict

where clinic\_type ='消化专家' and regist\_type ='初诊' and charge\_item ='挂号费'

2.6 就诊费用查询同上，两者相加即为挂号的总费用。

2.7 pat\_master\_index(病人主索引)

**Insert** **into** pat\_master\_index

( patient\_id , name , name\_phonetic , sex , date\_of\_birth , charge\_type , identity , birth\_place , vip\_indicator , create\_date , operator , unit\_in\_contract )

values ( '15001167' , 'James' , 'JAMES' , '男' , '1993-01-01 00:00:00' , '自费' , '一般人员' , '' , 0 , sysdate , '李建祖' , '' )

2.8 clinic\_for\_regist(门诊号表)

update clinic\_for\_regist

set current\_no =1 + 1,

registration\_num =0 + 1

where clinic\_date ='2015-06-18 00:00:00'

and clinic\_label ='专家'

and time\_desc ='下午'

2.9 clinic\_master(就诊记录)

**INSERT** **INTO** clinic\_master

( VISIT\_DATE , VISIT\_NO , CLINIC\_LABEL , VISIT\_TIME\_DESC , SERIAL\_NO , PATIENT\_ID , NAME , NAME\_PHONETIC , SEX , AGE , IDENTITY , CHARGE\_TYPE , INSURANCE\_TYPE , INSURANCE\_NO , UNIT\_IN\_CONTRACT , CLINIC\_TYPE , FIRST\_VISIT\_INDICATOR , SYMPTOM , VISIT\_DEPT , DOCTOR , MR\_PROVIDEd\_INDICATOR , REGISTRATION\_STATUS , REGISTERING\_DATE , REGIST\_FEE , CLINIC\_FEE , OTHER\_FEE , OPERATOR , clinic\_charge , mode\_code , card\_name , card\_no , pay\_way , invoice\_no , CLINIC\_NO , print\_operator )

VALUES ( '2015-06-18 00:00:00' , 733 , '专家' , '下午' , 1 , '15001167' , 'James' , 'JAMES' , '男' , 942669846 , '一般人员' , '自费' , NULL , NULL , '' , '专家号' , 7995393 , '' , '140301' , '000LSG' , 0 , 1 , '2015-06-18 16:27:16' , '25.00' , '5.00' , '0.00' , '0008' , '30.00' , 'A' , '现金' , NULL , '现金' , 'LJZ000143' , '2015061800733' , '0008' )

\*\*门诊医疗收据记录 OUTP\_RCPT\_MASTER

\*\*明细记录等其他收费表

3、退号

3.1总数

SELECT count ( \*)

FROM CLINIC\_MASTER

WHERE CLINIC\_MASTER.VISIT\_DATE >= TO\_DATE('2015-06-20 00:00:00' - 38862863

AND CLINIC\_MASTER.PATIENT\_ID ='15001158'

3.2根据门诊号查询就诊序号：554

SELECT visit\_no

FROM CLINIC\_MASTER

WHERE CLINIC\_MASTER.VISIT\_DATE >= '2015-06-20 00:00:00' - 15

AND CLINIC\_MASTER.PATIENT\_ID ='15001159'

3.3需退号的订单详情：根据就诊时间及就诊序号

**SELECT** "CLINIC\_MASTER"."VISIT\_DATE" ,

"CLINIC\_MASTER"."VISIT\_NO" ,

"CLINIC\_MASTER"."CLINIC\_LABEL" ,

"CLINIC\_MASTER"."VISIT\_TIME\_DESC" ,

"CLINIC\_MASTER"."SERIAL\_NO" ,

"CLINIC\_MASTER"."PATIENT\_ID" ,

"CLINIC\_MASTER"."NAME" ,

"CLINIC\_MASTER"."NAME\_PHONETIC" ,

"CLINIC\_MASTER"."SEX",

"CLINIC\_MASTER"."AGE",

"CLINIC\_MASTER"."IDENTITY" ,

"CLINIC\_MASTER"."CHARGE\_TYPE" , "CLINIC\_MASTER"."INSURANCE\_TYPE" , "CLINIC\_MASTER"."INSURANCE\_NO" , "CLINIC\_MASTER"."UNIT\_IN\_CONTRACT" , "CLINIC\_MASTER"."CLINIC\_TYPE", "CLINIC\_MASTER"."FIRST\_VISIT\_INDICATOR", "CLINIC\_MASTER"."VISIT\_DEPT", "CLINIC\_MASTER"."VISIT\_SPECIAL\_CLINIC", "CLINIC\_MASTER"."DOCTOR" , "CLINIC\_MASTER"."MR\_PROVIDED\_INDICATOR" , "CLINIC\_MASTER"."REGISTRATION\_STATUS" , "CLINIC\_MASTER"."REGISTERING\_DATE" , "CLINIC\_MASTER"."REGIST\_FEE" , "CLINIC\_MASTER"."CLINIC\_FEE" , "CLINIC\_MASTER"."OTHER\_FEE" ,

"CLINIC\_MASTER"."OPERATOR" , "CLINIC\_MASTER"."RETURNED\_DATE" , "CLINIC\_MASTER"."RETURNED\_OPERATOR" , "CLINIC\_MASTER"."SYMPTOM" , "CLINIC\_MASTER"."CLINIC\_CHARGE" , "CLINIC\_MASTER"."ACCT\_NO" ,

"CLINIC\_MASTER"."PAY\_WAY" ,

"CLINIC\_MASTER"."CARD\_NO" ,

"CLINIC\_MASTER"."CARD\_NAME" ,

"CLINIC\_MASTER"."INVOICE\_NO"

**FROM** "CLINIC\_MASTER"

**where** 1=1

**and** VISIT\_DATE=TO\_DATE('2015-06-19 00:00:00','YYYY-MM-DD HH24:MI:SS')

**and** visit\_no=554

3.4退号更新

1、号表

**update clinic\_for\_regist**

**set registration\_num =registration\_num - 1**

**where clinic\_label ='消化内一专家号'**

**and time\_desc ='昼夜'**

**and To\_char ( clinic\_date , 'yyyy-mm-dd' ) ='2015-06-19'**

2、就诊记录

**UPDATE** "CLINIC\_MASTER"

SET "RETURNED\_DATE" = '2015-06-19 11:39:32',

"RETURNED\_OPERATOR" = '0008'

**WHERE** "VISIT\_DATE" = '2015-06-19 00:00:00'

AND "VISIT\_NO" = '554'

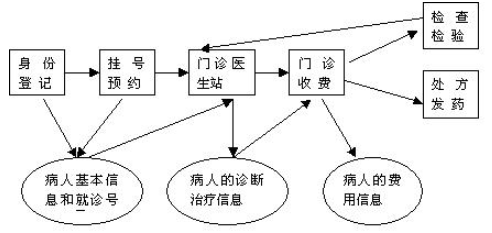
3、确定后：

**insert** **into** clinic\_returned\_acct

( visit\_date , visit\_no , regist\_fee , clinic\_fee , other\_fee , clinic\_charge , operator , returned\_date , returned\_operator , clinic\_label , time\_desc , patient\_id , patient\_name , serial\_no , pay\_way , invoice\_no )

values ( '2015-06-19 00:00:00' , 554 , '5.00' , '5.00' , '0.00' , '10.00' , '0008' , SYSDATE , '0008' , '消化内一专家号' , '昼夜' , '15001159' , '33' , '1.000000000000000000' , '现金' , 'LJZ000144' )

1. 医生工作（董毅）
   1. 门诊医生工作（何婷）



门诊医生站：  
挂完号后，张某持挂号单去相应门诊科室看病，（如果有分诊叫号系统，在候诊室等候分诊台叫号就诊）门诊医生对病人进行疾病诊断治疗。（分四种不同情况处理分析）  
（一）如果疾病可以直接确诊，医生就可以书写门诊病历及诊断结果，下达治疗处方（如药品），病人可以直接到门诊收费处进行交费，再进行取药或治疗后即可离院。  
（二）如果疾病不可以直接确诊，医生会下达检查或检验申请，让病人到门诊收费处进行交费，再到检查和检验科室，拿到结果后再回到门诊医生科室，医生查看报告结果同时医生对病人书写门诊病历及诊断结果，下达治疗处方（如药品），病人再到门诊收费处进行交费，再进行取药或治疗后即可离院。  
（三）如果医生查看病人病情后，要求病人进行住院治疗，如果病人同意，医生会下达入院通知书，病人到住院登记处进行住院登记。  
（四）如果医生查看病人同时询问病史后，认为病人没有问题或没有必要进行下达处方和处置进行治疗，病人即可遵医嘱离开医院。

1. 患者列表
2. **功能描述：**

门诊患者列表来源于挂号模块，包括属于医生和医生所在组的待就诊患者。显示病人名称、快速定位病人信息。初诊病人/已诊病人，医师可以查看全科挂号的病人，还可以只查看挂号到自己名下的号别。

1. **输入输出：**

表格主键 第一行以外的表为选中患者的诊疗信息表【在后续诊疗功能中会有涉及】

|  |  |
| --- | --- |
| 输入 | 输出 |
| clinic\_master (HIS) |  |
| OUTP\_TREAT\_REC(检查治疗医嘱明细记录) |  |
| OUTP\_ORDERS\_COSTS(门诊医生收费明细) |  |
| OUTP\_PRESC （处方医嘱明细记录） |  |
| DOSAGE\_UNITS\_DICT（给药途径字典） |  |
| DOSAGE\_UNITS\_DICT（剂量单位字典） |  |
| DRUG\_STORAGE\_DEPT（药品库存单位） |  |
| PERFORM\_FREQ\_DICT（医嘱执行频率） |  |
| OUTP\_MR（门诊病历记录） |  |
| OUTP\_MR\_DIAG\_DESC（门诊病历诊断） |  |
| EXAM\_APPOINTS（检查预约） |  |
| EXAM\_RESULT\_STATUS\_DICT |  |
| LAB\_TEST\_MASTER（检验主记录） |  |

需要显示的数据，该医师待诊病人列表

医师进入门诊诊疗平台

选择了过滤条件

是

否

2、列表预约医师所属科室下的患者

1、列表预约自己的患者

3、选中某个患者

4、显示患者详细信息，同时显示患者以往就诊信息

5、加载后续诊疗依赖的字典数据

查找已诊患者

注：order\_id 的生成规则（序列）

**select** max ( order\_no ) **from** OUTP\_PRESC **where** visit\_date ='2015-06-17 00:00:00' and visit\_no =637

以往就诊信息：涉及的表

OUTP\_TREAT\_REC、OUTP\_ORDERS\_COSTS、OUTP\_PRESC

后续诊疗依赖的数据

DOSAGE\_UNITS\_DICT、ADMINISTRATION\_DICT、PERFORM\_FREQ\_DICT、DRUG\_STORAGE\_DEPT

Clinic\_master

Visit\_date

Visit\_no

PAT\_SOMA\_CHARACTER

Visit\_date

Visit\_no

OUTP\_MR\_DIAG\_DESC

就诊时间

就诊序号

诊断名称

OUTP\_TREAT\_REC

检测治疗医嘱明细

## **门诊医生会诊主索引（是否使用？）OUTP\_CONSULTATION\_MASTER**

初诊病人：涉及的表clinic\_master（就诊记录）

已诊病人：已经诊疗结束的病人（具体时间参数中配置）

刷新时机：医师手动请求刷新、一个患者诊疗结束保存诊疗信息时，刷新病人列表

当医师选择某个病人时，列表病人的基本信息，医师可完善病人的 “性别”、“出生日期”、“联系电话”、“家庭地址”信息

医师点选其他标签，进行诊断过程中，分别获取相关数据进行回显（所有相关的诊疗信息都是一次性获取的，在点选页签不做新的加载）

查找功能：医师可以根据患者姓名或者就诊id快速定位查找患者

1. **接口定义：**

1.待接诊患者列表

1. 输入：当前医师所在科室、就诊日期
2. 输出：

待诊患者列表，第一个病人的历次就诊信息以及基本信息

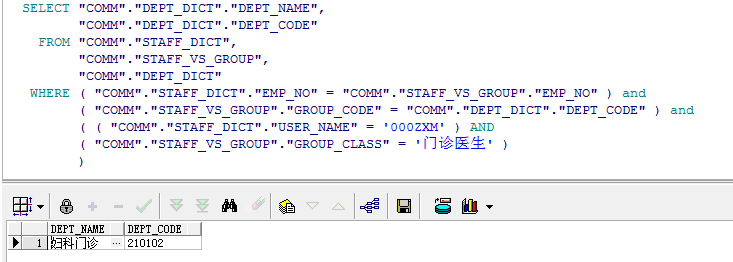
约束条件列clinic\_master中doctor为空的记录

当前医师已诊患者列表

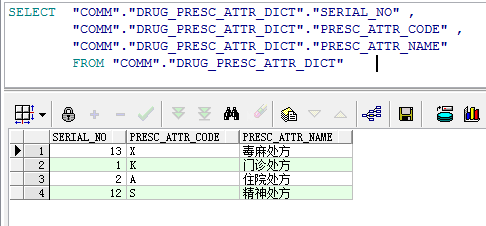
约束条件clinic\_master中doctor==当前医师的记录

1. 获取医师科室信息

DEPT\_DICT ,STAFF\_DICT,STAFF\_VS\_GROUP

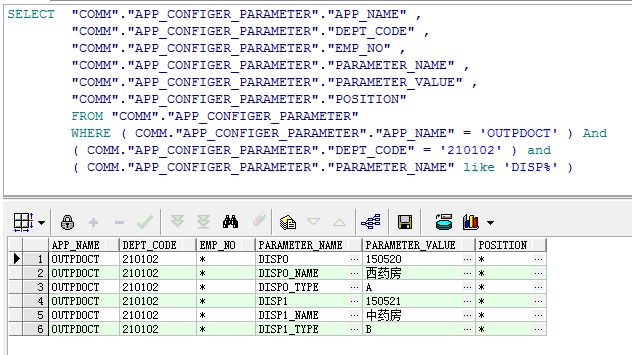


2、DRUG\_PRESC\_ATTR\_DICT（药品处方属性字典）在开处方过程中，开出属性不同的药时，弹出提示



1. APP\_CONFIGER\_PARAMETER (应用参数设置表)[新增]

参数说明app\_configer\_baseinfo;



选择了科室 之后根据（默认选中一个人进入诊疗）

1、获取就诊病人列表信息（条件：科室编号，就诊日期 [ 选取当前日期 ]）

SELECT "CLINIC\_MASTER"."VISIT\_DATE",

"CLINIC\_MASTER"."VISIT\_NO",

"CLINIC\_MASTER"."PATIENT\_ID",

"CLINIC\_MASTER"."NAME",

"CLINIC\_MASTER"."IDENTITY",

"CLINIC\_MASTER"."CHARGE\_TYPE",

"CLINIC\_MASTER"."AGE",

"CLINIC\_MASTER"."SEX",

"CLINIC\_MASTER"."INSURANCE\_TYPE",

"CLINIC\_MASTER"."CLINIC\_TYPE",

"DEPT\_DICT"."DEPT\_NAME",

"CLINIC\_MASTER"."VISIT\_DEPT",

"CLINIC\_MASTER"."SERIAL\_NO",

"CLINIC\_MASTER"."REGISTERING\_DATE",

"CLINIC\_MASTER"."CLINIC\_NO",

"CLINIC\_MASTER"."CLINIC\_LABEL",

'' as "card\_no",

"OUTPDOCT"."OUTP\_WAIT\_QUEUE"."DOCTOR"

FROM "CLINIC\_MASTER",

"DEPT\_DICT",

"OUTPDOCT"."OUTP\_WAIT\_QUEUE"

WHERE ( "CLINIC\_MASTER"."VISIT\_DEPT" = "DEPT\_DICT"."DEPT\_CODE" (+)) AND

"CLINIC\_MASTER"."VISIT\_DATE" <= to\_date('2015-06-18 00:00:00','YYYY-MM-DD HH24:MI:SS') AND

("CLINIC\_MASTER"."VISIT\_DEPT"='210102') and

( "CLINIC\_MASTER"."VISIT\_DATE" = "OUTPDOCT"."OUTP\_WAIT\_QUEUE"."VISIT\_DATE" ) AND

( "CLINIC\_MASTER"."VISIT\_NO" = "OUTPDOCT"."OUTP\_WAIT\_QUEUE"."VISIT\_NO" ) AND

"CLINIC\_MASTER"."RETURNED\_DATE" is null // 退号日期为空

2、获取特定病人的就诊信息（就诊号，就诊日期）

**SELECT** "CLINIC\_MASTER"."VISIT\_DATE",

"CLINIC\_MASTER"."VISIT\_NO",

"CLINIC\_MASTER"."PATIENT\_ID",

"CLINIC\_MASTER"."NAME",

"CLINIC\_MASTER"."IDENTITY",

"CLINIC\_MASTER"."CHARGE\_TYPE",

"CLINIC\_MASTER"."AGE",

"CLINIC\_MASTER"."SEX",

"CLINIC\_MASTER"."INSURANCE\_TYPE",

"CLINIC\_MASTER"."CLINIC\_TYPE",

"DEPT\_DICT"."DEPT\_NAME",

"CLINIC\_MASTER"."VISIT\_DEPT",

"CLINIC\_MASTER"."SERIAL\_NO",

"CLINIC\_MASTER"."REGISTERING\_DATE",

"CLINIC\_MASTER"."CLINIC\_NO",

"CLINIC\_MASTER"."CLINIC\_LABEL",

'' as "card\_no",

"OUTPDOCT"."OUTP\_WAIT\_QUEUE"."DOCTOR"

**FROM** "CLINIC\_MASTER",

"DEPT\_DICT",

"OUTPDOCT"."OUTP\_WAIT\_QUEUE"

**WHERE** ( "CLINIC\_MASTER"."VISIT\_DEPT" = "DEPT\_DICT"."DEPT\_CODE" (+)) AND

( ( "CLINIC\_MASTER"."VISIT\_DATE" = '2015-06-17 00:00:00' ) AND

( "CLINIC\_MASTER"."VISIT\_NO" = '637' ) ) AND

( "CLINIC\_MASTER"."VISIT\_DATE" = "OUTPDOCT"."OUTP\_WAIT\_QUEUE"."VISIT\_DATE" ) AND

( "CLINIC\_MASTER"."VISIT\_NO" = "OUTPDOCT"."OUTP\_WAIT\_QUEUE"."VISIT\_NO" )

1. 已诊患者列表

SELECT "CLINIC\_MASTER"."VISIT\_DATE",

"CLINIC\_MASTER"."VISIT\_NO",

"CLINIC\_MASTER"."PATIENT\_ID",

"CLINIC\_MASTER"."NAME",

"CLINIC\_MASTER"."IDENTITY",

"CLINIC\_MASTER"."CHARGE\_TYPE",

"CLINIC\_MASTER"."AGE",

"CLINIC\_MASTER"."SEX",

"CLINIC\_MASTER"."INSURANCE\_TYPE",

"CLINIC\_MASTER"."CLINIC\_TYPE",

"DEPT\_DICT"."DEPT\_NAME",

"CLINIC\_MASTER"."VISIT\_DEPT",

"CLINIC\_MASTER"."SERIAL\_NO",

"CLINIC\_MASTER"."REGISTERING\_DATE",

"CLINIC\_MASTER"."CLINIC\_NO",

"CLINIC\_MASTER"."CLINIC\_LABEL",

'' as "card\_no",

"OUTPDOCT"."OUTP\_WAIT\_QUEUE"."DOCTOR"

FROM "CLINIC\_MASTER",

"DEPT\_DICT",

"OUTPDOCT"."OUTP\_WAIT\_QUEUE"

WHERE ( "CLINIC\_MASTER"."VISIT\_DEPT" = "DEPT\_DICT"."DEPT\_CODE" (+)) AND

"CLINIC\_MASTER"."VISIT\_DATE" <= to\_date('2015-06-18 00:00:00','YYYY-MM-DD HH24:MI:SS') AND

("CLINIC\_MASTER"."DOCTOR" = '000ZXM') and

("CLINIC\_MASTER"."VISIT\_DEPT"='210102') and

( "CLINIC\_MASTER"."VISIT\_DATE" = "OUTPDOCT"."OUTP\_WAIT\_QUEUE"."VISIT\_DATE" ) AND

( "CLINIC\_MASTER"."VISIT\_NO" = "OUTPDOCT"."OUTP\_WAIT\_QUEUE"."VISIT\_NO" )

**a) SELECT** "PAT\_MASTER\_INDEX"."PATIENT\_ID",

"PAT\_MASTER\_INDEX"."INP\_NO",

"PAT\_MASTER\_INDEX"."NAME",

"PAT\_MASTER\_INDEX"."SEX",

"PAT\_MASTER\_INDEX"."DATE\_OF\_BIRTH",

"PAT\_MASTER\_INDEX"."ID\_NO",

"PAT\_MASTER\_INDEX"."IDENTITY",

"PAT\_MASTER\_INDEX"."CHARGE\_TYPE",

"PAT\_MASTER\_INDEX"."UNIT\_IN\_CONTRACT",

"PAT\_MASTER\_INDEX"."MAILING\_ADDRESS",

"PAT\_MASTER\_INDEX"."PHONE\_NUMBER\_HOME"

**FROM** "PAT\_MASTER\_INDEX"

**WHERE** "PAT\_MASTER\_INDEX"."PATIENT\_ID" = '15001159'

b) **SELECT** "OUTPDOCT"."PAT\_SOMA\_CHARACTER"."VISIT\_DATE",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."VISIT\_NO",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."PATIENT\_ID",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."EXAM\_DATE",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."WEIGHT",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."STATURE",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."TEMPERATURE",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."BLOODPRESSUREL",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."BLOODPRESSUREH",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."PULSE",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."BREATH\_FREQUENCY",

0 "aa",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."FONTANELLE\_MEASURE",

"OUTPDOCT"."PAT\_SOMA\_CHARACTER"."HEAD\_CIRCUMFERENCE"

**FROM** "OUTPDOCT"."PAT\_SOMA\_CHARACTER"

**WHERE** ( "OUTPDOCT"."PAT\_SOMA\_CHARACTER"."VISIT\_DATE" = '2015-06-04 00:00:00' ) AND

( "OUTPDOCT"."PAT\_SOMA\_CHARACTER"."VISIT\_NO" = '170' )

**c) SELECT** '0' del\_indicator,

"OUTP\_TREAT\_REC"."VISIT\_DATE",

"OUTP\_TREAT\_REC"."VISIT\_NO",

"OUTP\_TREAT\_REC"."SERIAL\_NO",

"OUTP\_TREAT\_REC"."ITEM\_NO",

"OUTP\_TREAT\_REC"."ITEM\_CLASS",

"OUTP\_TREAT\_REC"."ITEM\_CODE",

"OUTP\_TREAT\_REC"."ITEM\_NAME",

"OUTP\_TREAT\_REC"."ITEM\_SPEC",

"OUTP\_TREAT\_REC"."UNITS",

"OUTP\_TREAT\_REC"."AMOUNT",

"OUTP\_TREAT\_REC"."FREQUENCY",

"OUTP\_TREAT\_REC"."PERFORMED\_BY",

"OUTP\_TREAT\_REC"."COSTS",

"OUTP\_TREAT\_REC"."CHARGES",

"OUTP\_TREAT\_REC"."CHARGE\_INDICATOR",

"OUTP\_TREAT\_REC"."APPOINT\_NO",

"OUTP\_TREAT\_REC"."APPOINT\_ITEM\_NO",

"OUTP\_TREAT\_REC"."FREQ\_DETAIL",

"OUTP\_TREAT\_REC"."WARD\_CODE",

"OUTPDOCT"."OUTP\_ORDERS"."DOCTOR\_NO"

**FROM** "OUTP\_TREAT\_REC",

"OUTPDOCT"."OUTP\_ORDERS"

**WHERE** ( "OUTP\_TREAT\_REC"."VISIT\_DATE" = "OUTPDOCT"."OUTP\_ORDERS"."VISIT\_DATE" ) and

( "OUTP\_TREAT\_REC"."VISIT\_NO" = "OUTPDOCT"."OUTP\_ORDERS"."VISIT\_NO" ) and

( "OUTP\_TREAT\_REC"."SERIAL\_NO" = "OUTPDOCT"."OUTP\_ORDERS"."SERIAL\_NO" ) and

( "OUTP\_TREAT\_REC"."VISIT\_DATE" = '2015-06-04 00:00:00' ) AND

( "OUTP\_TREAT\_REC"."VISIT\_NO" = '170' )

d) **SELECT** "OUTP\_ORDERS\_COSTS"."PATIENT\_ID",

"OUTP\_ORDERS\_COSTS"."VISIT\_DATE",

"OUTP\_ORDERS\_COSTS"."VISIT\_NO",

"OUTP\_ORDERS\_COSTS"."SERIAL\_NO",

"OUTP\_ORDERS\_COSTS"."ORDER\_CLASS",

"OUTP\_ORDERS\_COSTS"."ORDER\_NO",

"OUTP\_ORDERS\_COSTS"."ORDER\_SUB\_NO",

"OUTP\_ORDERS\_COSTS"."ITEM\_NO",

"OUTP\_ORDERS\_COSTS"."ITEM\_CLASS",

"OUTP\_ORDERS\_COSTS"."ITEM\_NAME",

"OUTP\_ORDERS\_COSTS"."ITEM\_CODE",

"OUTP\_ORDERS\_COSTS"."ITEM\_SPEC",

"OUTP\_ORDERS\_COSTS"."UNITS",

"OUTP\_ORDERS\_COSTS"."REPETITION",

"OUTP\_ORDERS\_COSTS"."AMOUNT",

"OUTP\_ORDERS\_COSTS"."ORDERED\_BY\_DEPT",

"OUTP\_ORDERS\_COSTS"."ORDERED\_BY\_DOCTOR",

"OUTP\_ORDERS\_COSTS"."PERFORMED\_BY",

"OUTP\_ORDERS\_COSTS"."CLASS\_ON\_RCPT",

"OUTP\_ORDERS\_COSTS"."COSTS",

"OUTP\_ORDERS\_COSTS"."CHARGES",

"OUTP\_ORDERS\_COSTS"."RCPT\_NO",

"OUTP\_ORDERS\_COSTS"."BILL\_DESC\_NO",

"OUTP\_ORDERS\_COSTS"."BILL\_ITEM\_NO",

"OUTP\_ORDERS\_COSTS"."CHARGE\_INDICATOR",

"OUTP\_ORDERS\_COSTS"."CLASS\_ON\_RECKONING",

"OUTP\_ORDERS\_COSTS"."SUBJ\_CODE",

"OUTP\_ORDERS\_COSTS"."PRICE\_QUOTIETY",

"OUTP\_ORDERS\_COSTS"."ITEM\_PRICE",

"OUTP\_ORDERS\_COSTS"."BILL\_DATE",

"OUTP\_ORDERS\_COSTS"."BILL\_NO",

"OUTP\_ORDERS\_COSTS"."WARD\_CODE",

1,

1.00 as "RELATION\_AMOUNT",

1 as "aa",

0 as "presc\_no",

0 as "dosage",

'0' as "dosage\_units",

'0' as "frequency",

'0' as "administration",

'0' as "freq\_detail"

**FROM** "OUTP\_ORDERS\_COSTS"

**WHERE** ( "OUTP\_ORDERS\_COSTS"."VISIT\_DATE" = '2015-06-04 00:00:00' ) AND

( "OUTP\_ORDERS\_COSTS"."VISIT\_NO" = '170' ) AND

( "OUTP\_ORDERS\_COSTS"."ORDER\_CLASS" > 'A' or "OUTP\_ORDERS\_COSTS"."ORDER\_CLASS" < 'A' ) AND

( "OUTP\_ORDERS\_COSTS"."ORDER\_CLASS" > 'B' or "OUTP\_ORDERS\_COSTS"."ORDER\_CLASS" < 'B' )

3)加载后续就诊依赖的数据字典

1. 病历文书
2. **功能描述：**

医师在诊疗过程中对患者的病情添加描述说明，以及对患者病症信息采集补全等操作

1. **输入输出：**

|  |  |
| --- | --- |
| 输入 | 输出 |
| clinic\_master (his） | emr\_bingli ( mpa ) |
| emr\_data\_template (mpa) |  |
| emr\_data\_template\_elements (mpa) |  |
| emr\_data\_template\_rule (mpa) |  |

注：emr\_bingli表中需要新增字段 患者id，医院id

1. **接口定义：**
2. 诊断
3. **功能描述：**

医师在诊疗过程中对病人的具体病情进行诊断

1. **输入输出：**

|  |  |
| --- | --- |
| 输入依赖 | 输出 |
| DIAGNOSIS\_DICT（疾病字典表） ||  emr\_data\_icd10(疾病字典表) | OUTP\_MR\_DIAG\_DESC（门诊病历诊断记录） |
|  | emr\_zhenduan(病情诊断记录)  [ 后续同步 ] |

1. **接口定义：**

列表诊断字典表用户便捷输入

**Select** DIAGNOSIS\_DICT（疾病字典表）

添加诊断信息

**INSERT** **INTO** "OUTP\_MR\_DIAG\_DESC" ( "PATIENT\_ID", "VISIT\_DATE", "VISIT\_NO", "ITEM\_NO", "DIAG\_DESC", "DIAG\_CODE", "DIAG\_TYPE", "DIAG\_DATE", "DIAG\_DOCTOR" ) VALUES ( '15001159', '2015-06-17 00:00:00', '637', '1', '鞍鼻', 'M95.001', '西医诊断', '2015-06-17 17:14:29', '000ZXM' )

1. 处方
2. **功能描述：**

医师可以针对所下诊断开具处方 子处方等数据

处方表数据流：处方表—收费—> 待发药 —发药—> 处方主记录

1. **输入输出：**

|  |  |
| --- | --- |
| 输入 | 输出 |
| DRUG\_DICT（药品字典） | OUTP\_PRESC（处方医嘱明细记录） |
| DRUG\_NAME\_DICT（药品名称字典） | OUTP\_ORDERS\_COSTS（门诊医生收费明细） |
| DRUG\_PRICE\_LIST（药品价格列表） | OUTP\_ORDERS（门诊医嘱主记录） |
| DRUG\_STOCK （药品库存） |  |
| DRUG\_STORAGE\_DEPT（药品库存科室） |  |

医师开处方

1、列表所有的药品信息

选中药 | | 西药

点选特定药品

1. 加载相关的价格信息
2. 药理信息（处方用药合理性）

本次诊疗已经有诊断结果了

是

提示医师先填写诊断信息

否

4、保存

1. **接口定义：**
2. 判断是否已有诊断信息

参数就诊时间、就诊序号

select \* from OUTP\_MR\_DIAG\_DESC o

where o.visit\_date = to\_date('2015-06-17 00:00:00', 'YYYY-MM-DD HH24:MI:SS')

and o.visit\_no = '637'

1. 根据所选药局列表药品信息

Drug\_dict、drug\_stock、current\_price\_list表（名称、规格、库存、包装单位、库房、单次剂量、单次剂量单位、输入码、医保类别）

1. 加载所选药品相关的价格信息

Select item\_spec , units , price From current\_price\_list Where item\_code ='P0405188TAO' And item\_spec ='0.2g\*10中美史克' And units ='盒' And item\_class ='A'

价格表中item\_class为A为药品

1. 药理信息加载（毒理分类）

Select TOXI\_PROPERTY from DRUG\_DICT

1. 保存

（每条药品添加一条）

insert OUTP\_ORDERS\_COSTS门诊医生收费明细、

insert OUTP\_PRESC 处方医嘱明细记录

(子医嘱说明，子医嘱涉及两个字段order\_no以及sub\_order\_no..

是子处方的话sub\_order\_no = 2同时子处方的order\_no = 父处方的order\_no

否则 sub\_order\_no = 1



（一次处方添加一条记录）

insert outp\_orders 门诊医嘱主记录

添加门诊医生收费明细

**INSERT** **INTO** "OUTP\_ORDERS\_COSTS" ( "PATIENT\_ID", "VISIT\_DATE", "VISIT\_NO", "SERIAL\_NO", "ORDER\_CLASS", "ORDER\_NO", "ORDER\_SUB\_NO", "ITEM\_NO", "ITEM\_CLASS", "ITEM\_NAME", "ITEM\_CODE", "ITEM\_SPEC", "UNITS", "REPETITION", "AMOUNT", "ORDERED\_BY\_DEPT", "ORDERED\_BY\_DOCTOR", "PERFORMED\_BY", "CLASS\_ON\_RCPT", "COSTS", "CHARGES", "RCPT\_NO", "BILL\_DESC\_NO", "BILL\_ITEM\_NO", "CHARGE\_INDICATOR", "CLASS\_ON\_RECKONING", "SUBJ\_CODE", "PRICE\_QUOTIETY", "ITEM\_PRICE", "BILL\_DATE", "BILL\_NO", "WARD\_CODE" ) VALUES ( '15001159', '2015-06-17 00:00:00', '637', '2500401', 'A', '2', '1', '1', 'A', '补血颗粒', 'A0201KL00', '4mg\*10万达', '袋', '1', '3.0000', '210102', '张晓明', '150520', NULL, '73.5000', '73.5000', NULL, NULL, NULL, '0', NULL, NULL, NULL, NULL, NULL, NULL, '' )

添加处方医嘱明细记录

**INSERT** **INTO** "OUTP\_PRESC" ( "VISIT\_DATE", "VISIT\_NO", "SERIAL\_NO", "PRESC\_NO", "ITEM\_NO", "ITEM\_CLASS", "DRUG\_CODE", "DRUG\_NAME", "DRUG\_SPEC", "FIRM\_ID", "UNITS", "AMOUNT", "DOSAGE", "DOSAGE\_UNITS", "ADMINISTRATION", "FREQUENCY", "PROVIDED\_INDICATOR", "COSTS", "CHARGES", "CHARGE\_INDICATOR", "DISPENSARY", "REPETITION", "ORDER\_NO", "SUB\_ORDER\_NO", "FREQ\_DETAIL", "GETDRUG\_FLAG", "PRESC\_ATTR", "ABIDANCE", "SKIN\_FLAG" ) VALUES ( '2015-06-17 00:00:00', '637', '2500401', '711', '1', 'A', 'A0201KL00', '补血颗粒', '4mg\*10', '万达', '袋', '3.0000', '4.0000', 'mg', '冲服', '3/日', '0', '73.5000', '73.5000', '0', '150520', '1', '2', '1', NULL, '1', '门诊处方', '20', NULL )

添加门诊医嘱主记录

**Insert** **INTO** outp\_orders ( patient\_id , visit\_date , visit\_no , serial\_no , ordered\_by , doctor , clinic\_no , doctor\_no ) values ( '15001159' , '2015-06-17 00:00:00' , 637 , '2500401' , '210102' , '张晓明' , '2015061700637' , '000ZXM' )

注：新增处方信息OUTP\_PRESC中 presc\_no 从同此诊断中其他处方累加1

OUTP\_PRESC中order\_no

select max ( order\_no ) from OUTP\_PRESC where visit\_date =to\_date('2015-06-17 00:00:00','YYYY-MM-DD HH24:MI:SS') and visit\_no =637

其他相关sql

1）获取同次诊断中已有处方

**SELECT** DISTINCT "OUTP\_PRESC"."VISIT\_DATE",

"OUTP\_PRESC"."VISIT\_NO",

"OUTP\_PRESC"."SERIAL\_NO",

"OUTP\_PRESC"."PRESC\_NO",

"OUTP\_PRESC"."ITEM\_CLASS",

"OUTP\_PRESC"."CHARGE\_INDICATOR",

"OUTP\_PRESC"."DISPENSARY",

"OUTP\_PRESC"."PRESC\_ATTR"

**FROM** "OUTP\_PRESC",

"CLINIC\_MASTER"

**WHERE** ( "OUTP\_PRESC"."VISIT\_DATE" = "CLINIC\_MASTER"."VISIT\_DATE" ) and

( "OUTP\_PRESC"."VISIT\_NO" = "CLINIC\_MASTER"."VISIT\_NO" ) and

( "CLINIC\_MASTER"."VISIT\_DATE" = '2015-06-17 00:00:00' ) AND

( "CLINIC\_MASTER"."VISIT\_NO" = '637' )

1. 检查申请
2. **功能描述：**

第一步，选择所开检查的类别

第二步，选择所开检的子类 然后填写相关的症状、体征、临床诊断等信息。

第三步，选择要开的项目

最后点击保存检查按钮，就能够生成检查申请，发送到对应的执行科室。

需要涉及检查类别、项目、费用、医嘱等操作

1. **输入输出：**

检查检验同时操作OUTP\_TREAT\_REC（检查治疗医嘱明细记录表）通过 项目类别区分检验检查 C == 化验D == 检查

|  |  |
| --- | --- |
| 输入依赖 | 输出 |
| **EXAM\_CLASS\_DICT(检查类别字典 )** | EXAM\_APPOINTS（检查预约主记录表） |
| **EXAM\_SUBCLASS\_DICT(检查子类字典)** | **EXAM\_ITEMS（检查项目记录）** |
| **EXAM\_BILL\_ITEMS（检查计价项目 ）** | **OUTP\_ORDERS\_COSTS** |
| **EXAM\_WORKING\_PLAN（检查工作时间安排）** | OUTP\_TREAT\_REC（检查治疗医嘱明细记录） |
| **EXAM\_INTERVAL（检查时间间隔）** | **OUTP\_ORDERS** |
| **EXAM\_SCHEDULE（检查病人时间安排）** |  |

1. **接口定义：**

0）、检查类别获取

select \* from exam\_class\_dict

再根据所选类别获取检查子类

Select \* from exam\_sub\_class\_dict where exam\_name=’class\_name’

根据所选检查子类别列出检查项目

SELECT 0 aa,

"COMM"."EXAM\_RPT\_PATTERN"."DESCRIPTION",

"COMM"."EXAM\_RPT\_PATTERN"."DESCRIPTION\_CODE",

"COMM"."EXAM\_RPT\_PATTERN"."INPUT\_CODE"

FROM "COMM"."EXAM\_RPT\_PATTERN"

WHERE ( "COMM"."EXAM\_RPT\_PATTERN"."EXAM\_SUB\_CLASS" = '血液透析') AND

( "COMM"."EXAM\_RPT\_PATTERN"."DESC\_ITEM" = '检查项目' ) AND

( "COMM"."EXAM\_RPT\_PATTERN"."DOCTOR\_TESHU" IS NULL )

union all // 不用 EXAM\_RPT\_PATTERN.DOCTOR\_TESHU 字段没有

SELECT 0 aa,

"COMM"."EXAM\_RPT\_PATTERN"."DESCRIPTION",

"COMM"."EXAM\_RPT\_PATTERN"."DESCRIPTION\_CODE",

"COMM"."EXAM\_RPT\_PATTERN"."INPUT\_CODE"

FROM "COMM"."EXAM\_RPT\_PATTERN"

WHERE ( "COMM"."EXAM\_RPT\_PATTERN"."DOCTOR\_TESHU" like '%0042%' ) AND

( "COMM"."EXAM\_RPT\_PATTERN"."DESC\_ITEM" = '检查项目' )

显示特定检查项费用信息

**SELECT** CHARGE\_ITEM\_CLASS ,CHARGE\_ITEM\_CODE , CHARGE\_ITEM\_SPEC , AMOUNT ,UNITS

**FROM** CLINIC\_VS\_CHARGE

**WHERE** CLINIC\_ITEM\_CLASS ='D' And CLINIC\_ITEM\_CODE ='210300004b'

**Select** price **From** current\_price\_list **where** item\_class ='D' and item\_code ='210300004b' and item\_spec ='/' and units ='次'

1)、保存

insert EXAM\_APPOINTS（检查预约主记录）

insert EXAM\_ITEMS（检查项目记录）

insert OUTP\_ORDERS\_COSTS (门诊医生收费明细)

insert OUTP\_TREAT\_REC（检查治疗医嘱明细记录）

insert OUTP\_ORDERS(门诊医嘱主记录)

保存检查预约主记录（sql）

a)获取检验项目编号

**select** max ( item\_no ) **from** outp\_treat\_rec **where** visit\_date ='2015-06-17 00:00:00' and visit\_no =637

**INSERT** **INTO** "EXAM\_APPOINTS" ( "EXAM\_NO", "PATIENT\_ID", "VISIT\_ID", "NAME", "NAME\_PHONETIC", "SEX", "DATE\_OF\_BIRTH", "BIRTH\_PLACE", "IDENTITY", "CHARGE\_TYPE", "MAILING\_ADDRESS", "ZIP\_CODE", "PHONE\_NUMBER", "EXAM\_CLASS", "EXAM\_SUB\_CLASS", "CLIN\_SYMP", "PHYS\_SIGN", "RELEVANT\_LAB\_TEST", "RELEVANT\_DIAG", "CLIN\_DIAG", "EXAM\_MODE", "EXAM\_GROUP", "PERFORMED\_BY", "PATIENT\_SOURCE", "FACILITY", "REQ\_DATE\_TIME", "REQ\_DEPT", "REQ\_PHYSICIAN", "NOTICE", "DOCTOR\_USER", "WARD\_CODE" ) VALUES ( '101171', '15001159', '0', '顾青', 'GU QING', '女', '2013-01-01 00:00:00', NULL, '一般人员', '自费', NULL, NULL, NULL, 'PET/CT', 'PET/CT', NULL, NULL, NULL, NULL, '鞍鼻;', NULL, NULL, '180102', '1', NULL, '2015-06-18 13:49:18', '210102', '张晓明', NULL, '000ZXM', '' )

保存检查项目记录(sql)

**INSERT** **INTO** EXAM."EXAM\_ITEMS" ( "EXAM\_NO", "EXAM\_ITEM\_NO", "EXAM\_ITEM", "EXAM\_ITEM\_CODE" ) VALUES ( '101171', '1', '64层及以上螺旋CT冠脉及血管成像（双源）', '210300004b' )

保存门诊医生收费明细（sql）

**INSERT** **INTO** "OUTP\_ORDERS\_COSTS" ( "PATIENT\_ID", "VISIT\_DATE", "VISIT\_NO", "SERIAL\_NO", "ORDER\_CLASS", "ORDER\_NO", "ORDER\_SUB\_NO", "ITEM\_NO", "ITEM\_CLASS", "ITEM\_NAME", "ITEM\_CODE", "ITEM\_SPEC", "UNITS", "REPETITION", "AMOUNT", "ORDERED\_BY\_DEPT", "ORDERED\_BY\_DOCTOR", "PERFORMED\_BY", "CLASS\_ON\_RCPT", "COSTS", "CHARGES", "RCPT\_NO", "BILL\_DESC\_NO", "BILL\_ITEM\_NO", "CHARGE\_INDICATOR", "CLASS\_ON\_RECKONING", "SUBJ\_CODE", "PRICE\_QUOTIETY", "ITEM\_PRICE", "BILL\_DATE", "BILL\_NO", "WARD\_CODE" ) VALUES ( '15001159', '2015-06-17 00:00:00', '637', '2500402', 'D', '2', '1', '1', 'D', '64层及以上螺旋CT冠脉及血管成像（双源）', '210300004b', '/', '次', NULL, '1.0000', '210102', '张晓明', '180102', NULL, '1980.0000', '1980.0000', NULL, NULL, NULL, '0', NULL, NULL, NULL, NULL, NULL, NULL, NULL )

保存检查治疗医嘱明细记录(sql)

**INSERT** **INTO** "OUTP\_TREAT\_REC" ( "VISIT\_DATE", "VISIT\_NO", "SERIAL\_NO", "ITEM\_NO", "ITEM\_CLASS", "ITEM\_CODE", "ITEM\_NAME", "ITEM\_SPEC", "UNITS", "AMOUNT", "FREQUENCY", "PERFORMED\_BY", "COSTS", "CHARGES", "CHARGE\_INDICATOR", "APPOINT\_NO", "APPOINT\_ITEM\_NO", "FREQ\_DETAIL", "WARD\_CODE" ) VALUES ( '2015-06-17 00:00:00', '637', '2500402', '2', 'D', '210300004b', '64层及以上螺旋CT冠脉及血管成像（双源）', NULL, NULL, '1.00', NULL, '180102', '1980.00', '1980.00', '0', '101171', '1', NULL, '' )

保存门诊医嘱主记录（sql）

**Insert** **INTO** outp\_orders ( patient\_id , visit\_date , visit\_no , serial\_no , ordered\_by , doctor , clinic\_no , doctor\_no ) values ( '15001159' , '2015-06-17 00:00:00' , 637 , '2500402' , '210102' , '张晓明' , '2015061700637' , '000ZXM' )

1. 检验申请
2. **功能描述：**

第一步，选择检验的科室

第二步，选择检验的类别，

第三步，选择要开的检验项（在弹出的“复选框”或者“制式”选择框中选择）

第四步，点击保存后返回“检验申请”界面

1. **输入输出：**

|  |  |
| --- | --- |
| 输入 | 输出 |
| **LAB\_ITEM\_DICT（检验项目字典）** | **LAB\_TEST\_MASTER(检验主记录)** |
| **LAB\_ITEM\_NAME\_DICT(检验项目名称字典)** | **LAB\_TEST\_ITEMS(检验项目)** |
|  | **OUTP\_TREAT\_REC（检查治疗医嘱明细记录）** |

1. **接口定义:**

**依赖数据**

1）获取检验科室 参数：检验科室编码

1803检验室 1803下的所有科室

select \* from dept\_dict where dept\_code != '1803' and dept\_code like '1803%'

2）获取检验类别 参数：检验科室编码

select \* from LAB\_ITEM\_CLASS\_DICT where DEPT\_CODE = '180301'

3）获取检验标本 参数：检验科室编码

SELECT "COMM"."SPECIMAN\_DICT"."SPECIMAN\_CODE" , "COMM"."SPECIMAN\_DICT"."SPECIMAN\_NAME" FROM "COMM"."SPECIMAN\_DICT" WHERE ( COMM."SPECIMAN\_DICT"."DEPT\_CODE" = '180301' )

注：标本是在检验科室、检验类别、检验项目都选定之后填充的

4）获取检验项目 参数：ITEM\_CLASS 为C检验

检验科室编码 检验类别

**SELECT** 0 aa,"CLINIC\_ITEM\_NAME\_DICT"."ITEM\_CLASS" , "CLINIC\_ITEM\_NAME\_DICT"."ITEM\_NAME" , "CLINIC\_ITEM\_NAME\_DICT"."ITEM\_CODE" , "CLINIC\_ITEM\_NAME\_DICT"."STD\_INDICATOR" , "CLINIC\_ITEM\_NAME\_DICT"."EXPAND1" , "CLINIC\_ITEM\_NAME\_DICT"."EXPAND2" , "CLINIC\_ITEM\_NAME\_DICT"."EXPAND3" , "CLINIC\_ITEM\_NAME\_DICT"."BBSM"

**FROM** "CLINIC\_ITEM\_NAME\_DICT"

**WHERE** ( "CLINIC\_ITEM\_NAME\_DICT"."ITEM\_CLASS" = 'C' ) and (expand3='180301' and expand2='临时检验')

5）获取检验项的单位、数量、价格等信息

**SELECT** CHARGE\_ITEM\_CLASS , CHARGE\_ITEM\_CODE , CHARGE\_ITEM\_SPEC , AMOUNT , UNITS **FROM** CLINIC\_VS\_CHARGE **WHERE** CLINIC\_ITEM\_CLASS ='C' And CLINIC\_ITEM\_CODE ='250401030'

**Select** price **From** current\_price\_list **where** item\_class ='C' and item\_code ='250401030' and item\_spec ='/' and units ='项'

保存数据

**select** max ( item\_no ) **from** outp\_treat\_rec **where** visit\_date ='2015-06-17 00:00:00' and visit\_no =637

**select** count ( 1 ) **from** lab\_test\_master **where** patient\_id ='15001159' and visit\_id =0 and result\_status ='0'

1）保存检验主记录lab\_test\_master

**INSERT** **INTO** lab\_test\_master ( test\_no , priority\_indicator , patient\_id , visit\_id , name , sex , age , relevant\_clinic\_diag , specimen , notes\_for\_spcm , requested\_date\_time , ordering\_dept , ordering\_provider , performed\_by , name\_phonetic , charge\_type , result\_status , ward\_code ) VALUES ( '1506182533' , 917504 , '15001159' , 858980352 , '顾青' , '女' , 2 , '鞍鼻;' , '血' , NULL , sysdate , '210102' , '000ZXM' , '180301' , 'GU QING' , '自费' , 1 , '' )

2）保存检验项目LAB\_TEST\_ITEMS

**INSERT** **INTO** "LAB\_TEST\_ITEMS" ( "TEST\_NO", "ITEM\_NO", "ITEM\_NAME", "ITEM\_CODE" ) VALUES ( '1506182533', '1', '活化淋巴细胞测定', '250401030' )

3) 保存医嘱收费信息表

**INSERT** **INTO** "OUTP\_ORDERS\_COSTS" ( "PATIENT\_ID", "VISIT\_DATE", "VISIT\_NO", "SERIAL\_NO", "ORDER\_CLASS", "ORDER\_NO", "ORDER\_SUB\_NO", "ITEM\_NO", "ITEM\_CLASS", "ITEM\_NAME", "ITEM\_CODE", "ITEM\_SPEC", "UNITS", "REPETITION", "AMOUNT", "ORDERED\_BY\_DEPT", "ORDERED\_BY\_DOCTOR", "PERFORMED\_BY", "CLASS\_ON\_RCPT", "COSTS", "CHARGES", "RCPT\_NO", "BILL\_DESC\_NO", "BILL\_ITEM\_NO", "CHARGE\_INDICATOR", "CLASS\_ON\_RECKONING", "SUBJ\_CODE", "PRICE\_QUOTIETY", "ITEM\_PRICE", "BILL\_DATE", "BILL\_NO", "WARD\_CODE" ) VALUES ( '15001159', '2015-06-17 00:00:00', '637', '2500404', 'C', '5', '1', '1', 'C', '活化淋巴细胞测定', '250401030', '/', '项', NULL, '1.0000', '210102', '张晓明', '180301', NULL, '70.0000', '70.0000', NULL, NULL, NULL, '0', NULL, NULL, NULL, NULL, NULL, NULL, NULL )

4）

**INSERT** **INTO** "OUTP\_TREAT\_REC" ( "VISIT\_DATE", "VISIT\_NO", "SERIAL\_NO", "ITEM\_NO", "ITEM\_CLASS", "ITEM\_CODE", "ITEM\_NAME", "ITEM\_SPEC", "UNITS", "AMOUNT", "FREQUENCY", "PERFORMED\_BY", "COSTS", "CHARGES", "CHARGE\_INDICATOR", "APPOINT\_NO", "APPOINT\_ITEM\_NO", "FREQ\_DETAIL", "WARD\_CODE" ) VALUES ( '2015-06-17 00:00:00', '637', '2500404', '5', 'C', '250401030', '活化淋巴细胞测定', NULL, NULL, '1.00', NULL, '180301', '70.00', '70.00', '0', '1506182533', '1', NULL, '' )

5）

**Insert** **INTO** outp\_orders ( patient\_id , visit\_date , visit\_no , serial\_no , ordered\_by , doctor , clinic\_no , doctor\_no ) values ( '15001159' , '2015-06-17 00:00:00' , 637 , '2500404' , '210102' , '张晓明' , '2015061700637' , '000ZXM' )

1. 治疗信息
2. **功能描述：**

医师根据患者病情，下达相应的相应的治疗申请。包括（手术申请）

1. **输入输出：**

|  |  |
| --- | --- |
| 输入依赖 | 输出 |
| **CLINIC\_ITEM\_CLASS\_DICT（诊疗项目分类字典）** | **OUTP\_ORDERS\_COSTS** |
| **CLINIC\_ITEM\_DICT（临床诊疗项目字典）** | **OUTP\_TREAT\_REC** |
|  | **OUTP\_ORDERS** |

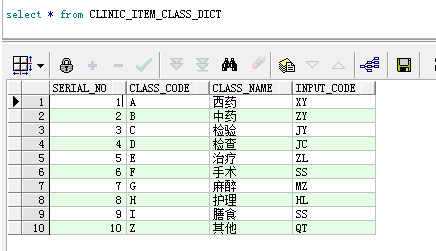
1. **接口定义：**

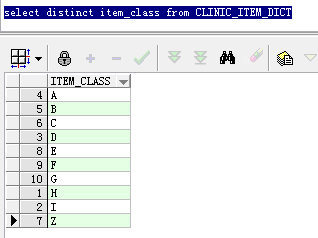
诊疗项目分类字典 [手术项目列表item\_class=F的]

select \* from CLINIC\_ITEM\_CLASS\_DICT // 查处治疗对应的项目属性

select \* from CLINIC\_ITEM\_DICT where item\_class='E' // 列表治疗项目

C 检验、D检查、E治疗、F手术 均可以 此处检验显示为化验

****

****

获取价格信息，与检验检查部分相同

**保存信息**

1. 门诊收费明细

Select outp\_order\_serial\_no.NextVal From dual (开单号去序列号)

**INSERT** **INTO** "OUTP\_ORDERS\_COSTS" ( "PATIENT\_ID", "VISIT\_DATE", "VISIT\_NO", "SERIAL\_NO", "ORDER\_CLASS", "ORDER\_NO", "ORDER\_SUB\_NO", "ITEM\_NO", "ITEM\_CLASS", "ITEM\_NAME", "ITEM\_CODE", "ITEM\_SPEC", "UNITS", "REPETITION", "AMOUNT", "ORDERED\_BY\_DEPT", "ORDERED\_BY\_DOCTOR", "PERFORMED\_BY", "CLASS\_ON\_RCPT", "COSTS", "CHARGES", "RCPT\_NO", "BILL\_DESC\_NO", "BILL\_ITEM\_NO", "CHARGE\_INDICATOR", "CLASS\_ON\_RECKONING", "SUBJ\_CODE", "PRICE\_QUOTIETY", "ITEM\_PRICE", "BILL\_DATE", "BILL\_NO", "WARD\_CODE" ) VALUES ( '15001159', '2015-06-17 00:00:00', '637', '2500409', 'F', '3', '1', '1', 'F', '鼻侧壁移位伴骨质充填术', '330601029', '/', '次', NULL, '1.0000', '210102', '张晓明', '210102', NULL, '1140.0000', '1140.0000', NULL, NULL, NULL, '0', NULL, NULL, NULL, NULL, NULL, NULL, NULL )

2）检查治疗医嘱明细

**INSERT** **INTO** "OUTP\_TREAT\_REC" ( "VISIT\_DATE", "VISIT\_NO", "SERIAL\_NO", "ITEM\_NO", "ITEM\_CLASS", "ITEM\_CODE", "ITEM\_NAME", "ITEM\_SPEC", "UNITS", "AMOUNT", "FREQUENCY", "PERFORMED\_BY", "COSTS", "CHARGES", "CHARGE\_INDICATOR", "APPOINT\_NO", "APPOINT\_ITEM\_NO", "FREQ\_DETAIL", "WARD\_CODE" ) VALUES ( '2015-06-17 00:00:00', '637', '2500409', '3', 'F', '330601029', '鼻侧壁移位伴骨质充填术', NULL, NULL, '1.00', NULL, '210102', '1140.00', '1140.00', '0', NULL, NULL, NULL, '' )

3）门诊医嘱主记录

**SELECT** VISIT\_DATE **FROM** outp\_orders **WHERE** SERIAL\_NO ='2500409'

**Insert** **INTO** outp\_orders ( patient\_id , visit\_date , visit\_no , serial\_no , ordered\_by , doctor , clinic\_no , doctor\_no ) values ( '15001159' , '2015-06-17 00:00:00' , 637 , '2500409' , '210102' , '张晓明' , '2015061700637' , '000ZXM' )

1. 用血申请
2. **功能描述：**

根据病人ID号，开具用血申请单

1. **输入输出：**

依赖信息：血型字典表：BLOOD\_TYPE\_DICT

保存操作：BLOOD\_APPLY、BLOOD\_CAPACITY

1. **接口定义：**

首先根据所选病人或病人ID加载病人信息

申请基本信息保存

**INSERT** **INTO** BLDBANK."BLOOD\_APPLY" ( "APPLY\_NUM", "INP\_NO", "PATIENT\_ID", "DEPT\_CODE", "PAT\_NAME", "PAT\_SEX", "BIRTHDAY", "FEE\_TYPE", "PAT\_SOURCE", "BLOOD\_PAPER", "BLOOD\_INUSE", "BLOOD\_TABOO", "HEMATIN", "PLATELET", "LEUCOCYTE", "PAT\_BLOOD\_GROUP", "RH", "BLOOD\_SUM", "APPLY\_DATE", "GATHER\_DATE", "DIRECTOR", "PHYSICIAN", "DOCTOR", "BLOOD\_DIAGNOSE", "PRICE", "HCT", "ALT", "HBSAG", "HCV", "HIV", "ANTI\_MD", "SHINE\_BLOOD", "PRE\_BLOOD\_TYPE" ) VALUES ( '09975', NULL, '15001159', '210102', '顾青', '女', '2013-01-01 00:00:00', '自费', '1', NULL, '血库', NULL, NULL, NULL, NULL, 'A', '+', '200', '2015-06-19 09:30:25', NULL, NULL, NULL, '张晓明', '', '0', NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL )

**INSERT** **INTO** "BLOOD\_CAPACITY" ( "FAST\_SLOW", "MATCH\_SUB\_NUM", "TRANS\_DATE", "TRANS\_CAPACITY", "OPERATOR", "APPLY\_NUM", "BLOOD\_TYPE", "UNIT" ) VALUES ( '2', '1', '2015-06-20 09:30:00', '200', '张晓明', '09975', 'QX', '毫升' )

1. 手术申请 ( 包含在治疗中 )
2. **功能描述：**
3. **输入输出：**
4. 会诊信息 (没有)
5. **功能描述：**
6. **输入输出：**
   1. 住院工作管理（董毅）
7. 患者列表信息
8. 功能描述

患者列表信息来源his中医生所有权限的患者。医生可以根据权限、病区、病人就诊状态、时间等过滤病人列表信息。

1. 数据输入

His系统表：

医师分组信息表：DOCTOR\_GROUP

病人主索引表：pat\_master\_index

在院病人记录表：pats\_in\_hospital

床位记录表：BED\_REC

病人住院记录表：pat\_visit

病历描述：mr\_on\_line

1. 数据输出

1. 病历操作
2. 功能描述

病历操作包含病人病历的新建、编辑、以及移入、移除操作。

1. 数据输入

His系统表：

病历记录表：mr\_on\_line

病案信息表：mr\_index

在院病人记录表：pats\_in\_hospital

病人入院科室信息：ORDERS\_GROUP\_REC

1. 数据输出
2. 首页信息
3. 功能描述

首页信息包含病人住院信息、基本信息、诊断信息、手术信息、其它信息、以及诊断符合情况，可以对信息进行编辑操作。

1. 数据输入

His系统表：

新生儿记录表：newborn\_rec

患者基本信息表：pat\_master\_index

病案信息表：mr\_index

病人住院记录表：PAT\_VISIT

诊断记录表：DIAGNOSIS

手术记录表：OPERATION

其它信息记录表：OPERATION

诊断符合情况表：DIAG\_COMPARING

1. 数据输出
2. 医嘱信息
3. 功能描述

患者列表页面，选择患者，点击医嘱下达，跳转到医嘱信息页面，医嘱信息页面包含5部分，1、病人基本信息 2、医嘱信息过滤条件 3、医嘱列表 4、医嘱明细5、操作按钮。

1. 数据输入

His系统表：

住院信息记录表：pat\_visit

患者基本信息表：pat\_master\_index

住院信息表：pats\_in\_hospital

药品单位信息表：DOSAGE\_UNITS\_DICT

医嘱项目类型表：ADMINISTRATION\_DICT

药品适用类型表：PERFORM\_FREQ\_DICT

医嘱信息：ORDERS、ORDERS\_COSTS

1. 数据输出
2. 检查信息
3. 功能描述

给患者开具检查检验单，可以查看检查检验单开出记录。

1. 数据输入

His系统表：

记录病人医嘱的锁定情况："ORDADM"."ORDER\_OPEN"

检查项目记录：EXAM."EXAM\_ITEMS"

医嘱表：orders

检查预约记录：EXAM\_APPOINTS

1. 数据输出
2. 检验信息
3. 功能描述

给患者开具检验单，可以查看检验单开出记录。

1. 数据输入

His系统表：

记录病人医嘱的锁定情况："ORDADM"."ORDER\_OPEN"

检验项目记录：lab\_test\_master

1. 数据输出
2. 会诊信息
3. 处方信息
4. 功能描述

给患者开具处方记录信息。

1. 数据输入

His系统表：

待发药住院处方主记录：DOCT\_DRUG\_PRESC\_MASTER

待发药住院处方明细记录：DOCT\_DRUG\_PRESC\_DETAIL

医嘱：ORDERS

1. 数据输出
2. 手术信息
3. 功能描述

开具手术申请信息，可以查询自己已经安排的手术，以及院内手术排班表。

1. 数据输入

His系统表：

安排手术名称：SCHEDULED\_OPERATION\_NAME

手术安排：OPERATION\_SCHEDULE

医嘱：ORDERS

病人主索引：PAT\_MASTER\_INDEX

在院病人记录：PATS\_IN\_HOSPITAL

1. 数据输出
2. 治疗信息
3. 功能描述

给患者开具处方记录信息。

1. 数据输入

His系统表：

记录病人医嘱的锁定情况："ORDADM"."ORDER\_OPEN"

检验项目记录：lab\_test\_master

1. 数据输出
2. 用血信息
3. 功能描述

给患者开具申请用血记录。

1. 数据输入

His系统表：

用血预约申请单：BLDBANK."BLOOD\_APPLY"

申请用血量表："BLOOD\_CAPACITY"

1. 数据输出
2. 病历信息
3. 功能描述
4. 数据输入
5. 数据输出