

快瞳科技
产品使用手册
(病历单据识别)

一、接口名字：病历单据识别

二、请求地址：详见商品介绍页面

三、请求方法：POST

四、请求体格式：multipart/form-data

五、请求参数：

1.Query

支持匹配《国际疾病分类与代码 -ICD10》医保版，（ICD-9)手术操作分类与代码国家临床版3.0，输出入院诊断、出院诊断对应的 ICD编码、ICD名称。

是否必选	参数名	类型	参数说明
必选（三选一）	file	file	图片文件需要使用post multipart/form-data的方式上传
	imgUrl	string	图片的URL地址；优先使用该参数
	imgBase64	string	图片base64编码(包含data:image/png;base64,); 如果同时传入file、imgUrl、imgBase64参数，本API使用顺序为imgUrl优先，imgBase64最低
非必选	kdUseFlag	int	是否进行知识库匹配，默认0=否,1=是

六、返回值说明：

1、返回结果

参数名	参数类型	参数描述
status	int	200：成功 其他：业务异常
data	对象	执行成功时data有对象值，执行异常时不返回data
serialNo	string	日志ID

参数名	参数类型	参数描述
message	string	提示信息
code	int	业务码参考资源表
reqId	string	请求ID, 标识唯一请求; 回写业务使用

2、data

参数名	参数类型	参数描述
incrementDate	field对象	入院日期
dischargeDate	field对象	出院日期
daysInHospital	field对象	入院天数
symptomOnsetTime	field对象数组	自述症状发生时间
pmhCheckDesc	dateInfo对象数组	既往病史-检查描述
pmhTreatmentDesc	dateInfo对象数组	既往病史-治疗描述
pmhDiseaseDesc	dateInfo对象数组	既往病史-疾病描述
pmhHospitals	dateInfo对象数组	既往病史-就诊医院
pmhSurgicalHistory	dateInfo对象数组	既往病史-手术史
pmiCheckDesc	dateInfo对象数组	现疾病-检查描述
pmiTreatmentDesc	dateInfo对象数组	现疾病-治疗描述
pmiAdmissionDiagnosis	field对象数组	现疾病-入院诊断
note_title	field对象数组	标题
hospital_name	field对象数组	医院名称
name	field对象数组	姓名
sex	field对象数组	性别
age	field对象数组	年龄
hospitalization	field对象数组	住院号
medical_record_no	field对象数组	病案号
departmentName	field对象数组	科室
medicare_type	field对象数组	医保类型

参数名	参数类型	参数描述
physician	field对象数组	医生签名
angle	string	旋转角度

3、dateInfo 对象

参数名	参数类型	参数描述
final	string	处理后文字
original	string	原始文字
pos	sting数组	坐标数组 (x坐标左上、右上、右下、左下/y坐标左上、右上、右下、左下)
disease_code	string	ICD编码
disease_name	string	ICD名称
score	string	置信度

七、返回值示例：

成功请求返回值示例

```
{
  "code": 0,
  "reqId": "f9bf4018-2dbd-11ed-ac53-ddc969b9c063",
  "status": 200,
  "message": "success",
  "serialNo": "530555472621600768",
  "data": {
    "daysInHospital": {
      "score": 0.98,
      "original": "7天",
      "pos": [
        38,
        391,
        125,
        388,
        126,
        409,
        38,

```

```
    411
  ],
  "final": "7天"
},
"departmentName": {
  "score": 1,
  "original": "外科病区",
  "pos": [
    248,
    232,
    384,
    227,
    385,
    247,
    248,
    252
  ],
  "final": "外科病区"
},
"note_title": {
  "score": 1,
  "original": "出院记录",
  "pos": [
    460,
    160,
    587,
    157,
    588,
    186,
    460,
    189
  ],
  "final": "出院记录"
},
"hospitalization": {
  "score": 1,
  "original": "00101073",
  "pos": [
    716,
    220,
    800,
    220,
    800,
    240,
    716,
```

```
    240
  ],
  "final": "00101073"
},
"medicare_type": {
  "score": "",
  "original": "",
  "pos": [],
  "final": ""
},
"pmiAdmissionDiagnosis": [
  {
    "score": "",
    "original": "肛周脓肿",
    "pos": [
      46,
      295,
      131,
      292,
      132,
      311,
      47,
      314
    ],
    "final": "肛周脓肿"
  }
],
"sex": {
  "score": "",
  "original": "",
  "pos": [],
  "final": ""
},
"pmiCheckDesc": [
  {
    "time": {
      "score": "",
      "original": "2021/05/19",
      "pos": [
        607,
        538,
        987,
        530,
        988,
        552,
```

```

        608,
        560
    ],
    "final": "2021-05-19"
},
"desc": {
    "score": "",
    "original": "查血型(急诊)",
    "pos": [
        607,
        538,
        987,
        530,
        988,
        552,
        608,
        560
    ],
    "final": "查血型(急诊)"
}
},
{
    "time": {
        "score": "",
        "original": "",
        "pos": [],
        "final": ""
    },
    "desc": {
        "score": "",
        "original": "血常规+CRP 测定 (急诊)",
        "pos": [
            328,
            640,
            688,
            633,
            688,
            655,
            329,
            661
        ],
        "final": "血常规+CRP 测定 (急诊)"
    }
}
},
{

```

```
"time": {
  "score": "",
  "original": "2021/05/19",
  "pos": [
    607,
    538,
    987,
    530,
    988,
    552,
    608,
    560
  ],
  "final": "2021-05-19"
},
"desc": {
  "score": "",
  "original": "凝血功能全套测定(急诊)",
  "pos": [
    713,
    723,
    925,
    719,
    925,
    741,
    713,
    744
  ],
  "final": "凝血功能全套测定(急诊)"
}
},
{
  "time": {
    "score": "",
    "original": "2021/05/19",
    "pos": [
      607,
      538,
      987,
      530,
      988,
      552,
      608,
      560
    ],
  ],
```



```
    "final": "2021-05-19"
  },
  "desc": {
    "score": "",
    "original": "急诊生化",
    "pos": [
      152,
      733,
      711,
      722,
      712,
      745,
      152,
      757
    ],
    "final": "急诊生化"
  }
},
{
  "time": {
    "score": "",
    "original": "2021-05-20",
    "pos": [
      715,
      753,
      1018,
      749,
      1018,
      772,
      716,
      776
    ],
    "final": "2021-05-20"
  },
  "desc": {
    "score": "",
    "original": "肝胆胰脾+双肾输尿管膀胱前列腺)",
    "pos": [
      152,
      766,
      719,
      753,
      720,
      776,
      152,
```

```
789
  ],
  "final": "肝胆胰脾+双肾输尿管膀胱前列腺)"
}
},
{
  "time": {
    "score": "",
    "original": "",
    "pos": [],
    "final": ""
  },
  "desc": {
    "score": "",
    "original": "甲状腺)",
    "pos": [
      917,
      783,
      1019,
      780,
      1019,
      803,
      917,
      805
    ],
    "final": "甲状腺)"
  }
},
{
  "time": {
    "score": "",
    "original": "2021-05-19",
    "pos": [
      398,
      283,
      487,
      282,
      488,
      301,
      399,
      303
    ],
    "final": "2021-05-19"
  },
  "desc": {
```

```
    "score": "",
    "original": "胸部平扫",
    "pos": [
      153,
      797,
      810,
      781,
      811,
      807,
      153,
      822
    ],
    "final": "胸部平扫"
  }
},
],
"pmiTreatmentDesc": [
  {
    "time": {
      "score": "",
      "original": "2021-05-19",
      "pos": [
        398,
        283,
        487,
        282,
        488,
        301,
        399,
        303
      ],
      "final": "2021-05-19"
    },
    "desc": {
      "score": "",
      "original": "肛周脓腔切排+1期根治术",
      "pos": [
        150,
        828,
        1020,
        809,
        1020,
        835,
        150,
        854
      ]
    }
  }
]
```

```
    ],
    "final": "肛周脓腔切排+1 期根治术"
  }
},
{
  "time": {
    "score": "",
    "original": "",
    "pos": [],
    "final": ""
  },
  "desc": {
    "score": "",
    "original": "换药",
    "pos": [
      150,
      828,
      1020,
      809,
      1020,
      835,
      150,
      854
    ],
    "final": "换药"
  }
},
{
  "time": {
    "score": "",
    "original": "",
    "pos": [],
    "final": ""
  },
  "desc": {
    "score": "",
    "original": "维生素营养",
    "pos": [
      150,
      828,
      1020,
      809,
      1020,
      835,
      150,

```

```
      854
    ],
    "final": "维生素营养"
  }
},
{
  "time": {
    "score": "",
    "original": "",
    "pos": [],
    "final": ""
  },
  "desc": {
    "score": "",
    "original": "补液",
    "pos": [
      150,
      828,
      1020,
      809,
      1020,
      835,
      150,
      854
    ],
    "final": "补液"
  }
},
{
  "time": {
    "score": "",
    "original": "",
    "pos": [],
    "final": ""
  },
  "desc": {
    "score": "",
    "original": "补钾等对症支持治疗",
    "pos": [
      150,
      828,
      1020,
      809,
      1020,
      835,
```

```
        150,
        854
    ],
    "final": "补钾等对症支持治疗"
}
}
],
"pmhTreatmentDesc": [],
"pmhCheckDesc": [
{
    "time": {
        "score": "",
        "original": "2021/05/19",
        "pos": [
            607,
            538,
            987,
            530,
            988,
            552,
            608,
            560
        ],
        "final": "2021-05-19"
    },
    "desc": {
        "score": "",
        "original": "查血型(急诊)",
        "pos": [
            607,
            538,
            987,
            530,
            988,
            552,
            608,
            560
        ],
        "final": "查血型(急诊)"
    }
}
],
"dischargeDate": {
    "score": 0.98,
    "original": "2021-05-2610:43",
```

```
"pos": [
  516,
  317,
  615,
  315,
  615,
  335,
  516,
  336
],
"final": "2021-05-26 10:43:00"
},
"pmhHospitals": [],
"incrementDate": {
  "score": 0.98,
  "original": "2021-05-19 15:59:00",
  "pos": [
    398,
    283,
    487,
    282,
    488,
    301,
    399,
    303
  ],
  "final": "2021-05-19 15:59:00"
},
"pmhDiseaseDesc": [
  {
    "time": {
      "score": "",
      "original": "肛周肿痛 4 天",
      "pos": [
        153,
        416,
        361,
        414,
        361,
        436,
        153,
        438
      ],
      "final": "4 天"
    }
  }
],
```

```
"desc": {
  "score": "",
  "original": "肛周肿痛 4 天",
  "pos": [
    153,
    416,
    361,
    414,
    361,
    436,
    153,
    438
  ],
  "final": "肛周肿痛"
}
],
"pmhSurgicalHistory": [],
"name": {
  "score": 0.99,
  "original": "黄晓燕",
  "pos": [
    52,
    242,
    158,
    240,
    158,
    260,
    52,
    261
  ],
  "final": "黄晓燕"
},
"physician": {
  "score": 1,
  "original": "谢俊飞",
  "pos": [
    835,
    1140,
    905,
    1140,
    905,
    1162,
    835,
    1162
  ]
}
```



```
    ],
    "final": "谢俊飞"
  },
  "symptomOnsetTime": [
    {
      "score": "",
      "original": "肛周肿痛 4 天",
      "pos": [
        153,
        416,
        361,
        414,
        361,
        436,
        153,
        438
      ],
      "final": "4 天"
    }
  ],
  "medical_record_no": {
    "score": "",
    "original": "",
    "pos": [],
    "final": ""
  },
  "pmiDischargeDiagnosis": [
    {
      "score": "",
      "original": "肛周脓肿",
      "pos": [
        46,
        295,
        131,
        292,
        132,
        311,
        47,
        314
      ],
      "final": "肛周脓肿"
    },
    {
      "score": "",
      "original": "低钾血症",
```

```
    "pos": [
      516,
      346,
      617,
      346,
      617,
      366,
      516,
      366
    ],
    "final": "低钾血症"
  }
],
"age": {
  "score": "",
  "original": "",
  "pos": [],
  "final": ""
},
"hospital_name": {
  "score": 1,
  "original": "永康医院",
  "pos": [
    408,
    64,
    469,
    64,
    469,
    92,
    408,
    92
  ],
  "final": "永康医院"
}
}
}
```

失败请求返回值示例

```
{
  "serialNo": "343839777521696229",
  "message": "检测文字失败，请确认上传的文件是否合法",
  "status": 400,
  "code": 3000
}
```

```
}
```

八、通用的ERROR_MESSAGE

HTTP 状态代码	错误信息
400	业务异常，具体message提示。
401	身份验证失败（token过期或非法账号）
402	未开通产品权限；或者产品次数不足
403	权限不足
404	请求路径不存在
413	客户发送的请求大小超过了2MB限制。
500	系统内部异常
502	网关异常

九、服务支持

若有疑问或更多产品需求（离线SDK、私有化部署等），可以通过技术文档、微信、热线电话等方式获得帮助，我们竭诚为您服务。