# API Endpoint: POST /function

提交视功能检查原始数据, 返回判断结果, 和诊断结果

**参数说明**

* age (年龄): int, 必选,
* BCC (调节反应): float, 必选
* NRA (负相对调节): float, 必选
* PRA (正相对调节): float, 必选
* AMP (调节幅度): object, 必选
  + os (左眼): float, 必选
  + od (右眼): float, 必选
* af (调节频率和方向): object, 必选
  + os (左眼):
    - frequency: int, 必选
    - orientation: str, 必选, 取值范围: "-" | "+"
  + od (右眼):
    - frequency: int, 必选
    - orientation: str, 必选, 取值范围: "-" | "+"
  + ou (双眼):
    - frequency: int, 必选
    - orientation: str, 必选, 取值范围: "-" | "1"

#### 输入示例

curl -X POST "https://vpac-chart.cqwangkuai.com/function" \

-H "Content-Type: application/json" \

-d '{

"age": 12,

"BCC": 0.25,

"NRA": 2.25,

"PRA": -2.75,

"AMP": {

"os": 8,

"od": 9

},

"af": {

"os": {

"frequency": 5,

"orientation": "-"

},

"od": {

"frequency": 8,

"orientation": "+"

},

"ou": {

"frequency": 7,

"orientation": "-"

}

}

}'

**输出说明**

AMP (调节幅度): 右眼(OD)和左眼(OS)，

每个眼睛包含的数据有： ◦ 平均值 ◦ 结论 ◦ 正常范围 ◦ 标准偏差 ◦ 实际值(度数)

BCC (调节反应): ◦ 平均值 ◦ 结论 ◦ 正常范围 ◦ 标准偏差 ◦ 实际值(度数)

NRA (负相对调节): ◦ 平均值 ◦ 结论 ◦ 正常范围 ◦ 标准偏差 ◦ 实际值(度数)

PRA (正相对调节): ◦ 平均值 ◦ 结论 ◦ 正常范围 ◦ 标准偏差 ◦ 实际值(度数)

af (调节灵敏度): 分为右眼(OD)、左眼(OS)和双眼(OU)，

每个分类包括： ◦ 结论 ◦ 正常值 ◦ 实际值(value(D))

final (诊断意见): 一句总结性的结论。

method (训练方式): 描述了患者应该进行的训练

**输出示例**

状态码200

{

"AMP": {

"od": {

"average": 12.0,

"conclusion": "\u6b63\u5e38",

"normal\_range": [

11.0,

13.0

],

"standard\_deviation": 2,

"value(D)": 9.0

},

"os": {

"average": 12.0,

"conclusion": "\u2193 \u5de6\u773c\u8c03\u8282\u5e45\u5ea6\u4f4e\u4e8e\u6b63\u5e38\u503c",

"normal\_range": [

11.0,

13.0

],

"standard\_deviation": 2,

"value(D)": 8.0

}

},

"BCC": {

"average": 0.5,

"conclusion": "\u6b63\u5e38",

"normal\_range": [

0,

1

],

"standard\_deviation": 0.5,

"value(D)": 0.25

},

"NRA": {

"average": 2,

"conclusion": "\u6b63\u5e38",

"normal\_range": [

1.75,

2.25

],

"standard\_deviation": 0.5,

"value(D)": 2.25

},

"PRA": {

"average": -2.37,

"conclusion": "\u6b63\u5e38",

"normal\_range": [

-3,

-1.75

],

"standard\_deviation": 1,

"value(D)": -2.75

},

"af": {

"od": {

"conclusion": "\u6b63\u5e38",

"normal\_value": 5,

"value(D)": 8.0

},

"os": {

"conclusion": "\u6b63\u5e38",

"normal\_value": 5,

"value(D)": 5.0

},

"ou": {

"conclusion": "\u6b63\u5e38",

"normal\_value": 7,

"value(D)": 7.0

}

},

"final": "\u6ca1\u6709\u51fa\u73b0\u8c03\u8282\u4e0d\u8db3\u6216\u6ede\u540e",

"method": "\u8bad\u7ec3\u65b9\u5f0f: \u955c\u7247\u9605\u8bfb, \u7ffb\u8f6c\u62cd, \u5b57\u6bcd\u8868"

}

输出样例:

### 视功能检查

|  |  |
| --- | --- |
|  | 结果 |
| BCC (调节反应) |  |
| NRA (负相对调节) |  |
| PRA (正相对调节) |  |

|  |  |  |
| --- | --- | --- |
|  | 左眼OS | 右眼OD |
| AMP (调节幅度) |  |  |

|  |  |  |
| --- | --- | --- |
| flipper(调节灵敏度) | 频率cpm | 通过困难 |
| 左眼OS |  |  |
| 右眼OD |  |  |
| 双眼OU |  |  |

诊断意见: final ""