

# 优医问诊day05

极速问诊



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传智教育旗下  
高端IT教育品牌

01

## 极速问诊-病情描述-页面结构

## 极速问诊-病情描述-页面准备



```
{  
  path: '/consult/illness',  
  component: () => import('@/views/Consult/ConsultIllness.vue'),  
  meta: { title: '病情描述' }  
},
```

```
// 病情描述对象  
export type ConsultIllness = Pick<  
  PartialConsult,  
  'illnessDesc' | 'illnessTime' | 'consultFlag' | 'pictures'  
>
```

```
// 病情描述对象  
const form = ref<ConsultIllness>({  
  illnessDesc: '',  
  illnessTime: undefined,  
  consultFlag: undefined,  
  pictures: []  
})
```

```
// 单选按钮选项  
const timeOptions = [  
  { label: '一周内', value: IllnessTime.Week },  
  { label: '一月内', value: IllnessTime.Month },  
  { label: '半年内', value: IllnessTime.HalfYear },  
  { label: '大于半年', value: IllnessTime.More }  
]  
  
const flagOptions = [  
  { label: '就诊过', value: 0 },  
  { label: '没就诊过', value: 1 }  
]
```

```
<div class="item">  
  <p>本次患病多久了? </p>  
  <cp-radio-btn :options="timeOptions" />  
</div>  
<div class="item">  
  <p>此次病情是否去医院就诊过? </p>  
  <cp-radio-btn :options="flagOptions" />  
</div>
```

```
<-van-field  
  type="textarea"  
  rows="3"  
  placeholder="请详细描述您的病情，病情描述不能为空"  
  v-model="form.illnessDesc"  
></van-field>  
<div class="item">  
  <p>本次患病多久了? </p>  
  <cp-radio-btn :options="timeOptions" v-model="form.illnesTime" />  
</div>  
<div class="item">  
  <p>此次病情是否去医院就诊过? </p>  
  <cp-radio-btn :options="flagOptions" v-model="form.consultFlag" />  
</div>
```

02

## 极速问诊-病情描述-上传组件

## 极速问诊-病情描述-上传组件



```
<!-- 上传组件 -->  
<div class="illness-img">  
  <van-uploader></van-uploader>  
  <p class="tip">上传内容仅医生可见,最多9张图,最大5MB</p>  
</div>
```

```
<van-uploader  
  upload-icon="photo-o"  
  upload-text="上传图片"  
></van-uploader>
```

```
<van-uploader  
  upload-icon="photo-o"  
  upload-text="上传图片"  
  max-count="9"  
  :max-size="5 * 1024 * 1024"  
></van-uploader>
```

```
// 图片数据  
const fileList = ref([])  
const onAfterRead = () => {  
  // TODO 上传图片  
}  
const onDeleteImg = () => {  
  // TODO 删除图片  
}
```

```
<p class="tip" v-if="!fileList.length">  
  上传内容仅医生可见,最多9张图,最大5MB  
</p>
```

```
<van-uploader  
  upload-icon="photo-o"  
  upload-text="上传图片"  
  max-count="9"  
  :max-size="5 * 1024 * 1024"  
  v-model="fileList"  
  :after-read="onAfterRead"  
  @delete="onDeleteImg"  
></van-uploader>
```

03

## 极速问诊-病情描述-上传业务

## 极速问诊-病情描述-上传业务

图文问诊

在线医生

请描述你的疾病或症状、是否用药、就诊经历，需要我听过什么样的帮助

内容仅医生可见

不不不

本次患病多久了?

一周内 一月内 半年内 大于半年

此次病情是否去医院就诊过?

就诊过 没就诊过

上传图片

下一步



```
export const uploadImage = (file: File) => {
  const fd = new FormData()
  fd.append('file', file)
  return request<Image>('/upload', 'POST', fd)
}
```

```
const onDeleteImg = (item: UploaderFileListItem) => {
  form.value.pictures = form.value.pictures?.filter(
    (pic) => pic.url !== item.url
  )
}
```

```
const onAfterRead: UploaderAfterRead = (item) => {
  if (Array.isArray(item)) return
  if (!item.file) return
  // 开始上传
  item.status = 'uploading'
  item.message = '上传中...'
  uploadImage(item.file)
  .then((res) => {
    // 上传成功
    item.status = 'done'
    item.message = undefined
    item.url = res.data.url
    // 同步到 pictures
    form.value.pictures?.push(res.data)
  })
  .catch(() => {
    item.status = 'failed'
    item.message = '上传失败'
  })
}
```

04

## 极速问诊-病情描述-保存数据

## 极速问诊-病情描述-保存数据

图文问诊

在线医生

请描述你的疾病或症状、是否用药、就诊经历，需要我听过什么样的帮助

内容仅医生可见

不不不

本次患病多久了?

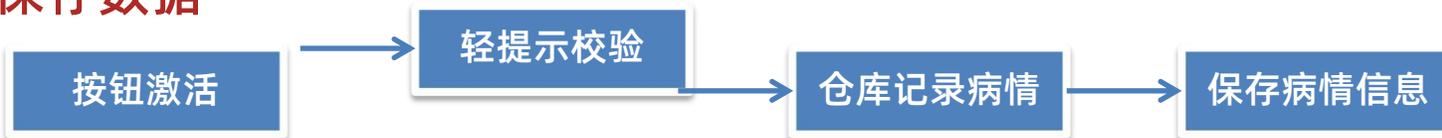
一周内 一月内 半年内 大于半年

此次病情是否去医院就诊过?

就诊过 没就诊过

上传图片

下一步



```
<!-- 下一步 -->
<van-button :class="{ disabled }" type="primary" block round>
  下一步
</van-button>
```

```
const disabled = computed(
  () =>
    !form.value.illnessDesc ||
    form.value.illnessTime === undefined ||
    form.value.consultFlag === undefined
)
```

```
// 设置病情描述
const setIllness = (illness: ConsultIllness) => {
  consult.value.illnessDesc = illness.illnessDesc
  consult.value.illnessTime = illness.illnessTime
  consult.value.consultFlag = illness.consultFlag
  consult.value.pictures = illness.pictures
}
```

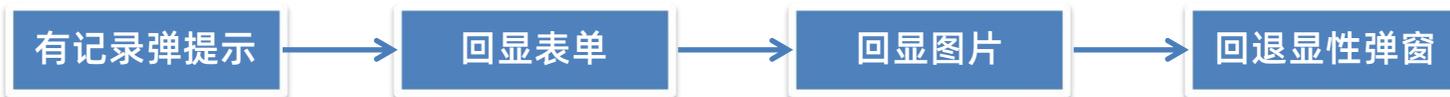
```
const next = () => {
  if (!form.value.illnessDesc) return showToast('请输入病情描述')
  if (form.value.illnessTime === undefined)
    return showToast('请选择症状持续时间')
  if (form.value.consultFlag === undefined)
    return showToast('请选择是否已经就诊')
}
```

```
const store = useConsultStore()
const router = useRouter()
const next = () => {
  if (!form.value.illnessDesc) return showToast('请输入病情描述')
  if (form.value.illnessTime === undefined)
    return showToast('请选择症状持续时间')
  if (form.value.consultFlag === undefined)
    return showToast('请选择是否已经就诊')
  // 存储病情信息
  store.setIllness(form.value)
  // 跳转档案管理，加一个 isChange 代表是选择患者
  router.push('/user/patient?isChange=1')
}
```

05

## 极速问诊-病情描述-回显数据

## 极速问诊-病情描述-回显数据



```
// 回显数据
onMounted(() => {
  if (store.consult.illnessDesc) {
    showConfirmDialog({
      title: '温馨提示',
      message: '是否恢复您之前填写的病情信息?'
    }).then(() => {
      // 确认
    })
  }
})
```

```
const fileList = ref<Image[]>([])
// 回显图片
fileList.value = pictures || []
```

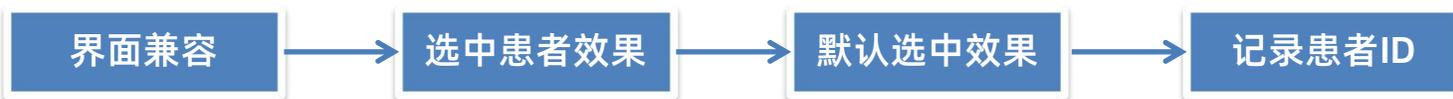
```
showConfirmDialog({
  title: '温馨提示',
  message: '是否恢复您之前填写的病情信息?',
  closeOnPopstate: false
}).then(() => {
```

```
// 回显表单
const { illnessDesc, illnessTime, consultFlag, pictures } = store.consult
form.value = { illnessDesc, illnessTime, consultFlag, pictures }
```

06

## 极速问诊-选择患者-改造家庭档案

## 极速问诊-选择患者-改造家庭档案



```
// 兼容选择患者
const route = useRoute()
const isChange = computed(() => route.query.isChange === '1')

<cp-nav-bar title="isChange ? '选择患者' : '家庭档案'"></cp-nav-bar>
<!-- 头部提示 -->
<div class="patient-change" v-if="isChange">
  <h3>请选择患者信息</h3>
  <p>以便医生给出更准确的治疗，信息仅医生可见</p>
</div>
<div class="patient-list">--
</div>
<!-- 底部按钮 -->
<div class="patient-next" v-if="isChange">
  <van-button type="primary" round block>下一步</van-button>
</div>
```

```
const loadList = async () => {
  const res = await getPatientList()
  list.value = res.data
  // 默认选中
  if (isChange.value && list.value.length) {
    const defPatient = list.value.find((item) => item.defaultFlag === 1)
    if (defPatient) patientId.value = defPatient.id
    else patientId.value = list.value[0].id
  }
}
```

```
// 选中患者
const patientId = ref<string>()
const selectedPatient = (item: Patient) => {
  if (isChange.value) {
    patientId.value = item.id
  }
}
```

```
<div
  class="patient-item"
  v-for="item in list"
  :key="item.id"
  @click="selectedPatient(item)"
  :class="{ selected: patientId === item.id }"
>
  <div class="info">
    <span class="name">{{ item.name }}</span>
    <span class="id">
      {{ item.idCard.replace(/^(.{6}).+({4})$/, '$1*****$2') }}
    </span>
    <span>{{ item.genderValue }}</span>
    <span>{{ item.age }}岁</span>
  </div>
  <div class="icon" @click.stop="showPopup(item)">
    <cp-icon name="user-edit" />
  </div>
  <div class="tag" v-if="item.defaultFlag === 1">默认</div>
</div>
```

```
<!-- 底部按钮 -->
<div class="patient-next" @click="next" v-if="isChange">
  // 下一步
  const store = useConsultStore()
  const next = () => {
    if (!patientId.value) return showToast('请选择患者')
    store.setPatient(patientId.value)
    router.push('/consult/pay')
  }
}
```

07

## 极速问诊-问诊支付-获取数据

## 极速问诊-问诊支付-获取数据



```
{  
  path: '/consult/pay',  
  component: () => import('@/views/Consult/ConsultPay.vue'),  
  meta: { title: '问诊支付' }  
},
```

```
// 问诊订单预支付信息  
export const getConsultOrderPre = (params: ConsultOrderPreParams) =>  
  request<ConsultOrderPreData>('/patient/consult/order/pre', 'GET', params)
```

```
// 问诊订单预支付传参  
export type ConsultOrderPreParams = Pick<PartialConsult, 'type' | 'illnessType'>  
  
// 问诊订单预支付信息  
export type ConsultOrderPreData = {  
  /** 积分抵扣 */  
  pointDeduction: number  
  /** 优惠券抵扣 */  
  couponDeduction: number  
  /** 优惠券ID */  
  couponId: string  
  /** 需付款 */  
  payment: number  
  /** 实付款 */  
  actualPayment: number  
}
```

```
// 患者详情  
export const getPatientDetail = (id: string) =>  
  request<Patient>(`/patient/info/${id}`)
```

```
// 预支付信息  
const payInfo = ref<ConsultOrderPreData>()  
const store = useConsultStore()  
const loadData = async () => {  
  const res = await getConsultOrderPre({  
    type: store.consult.type,  
    illnessType: store.consult.illnessType  
  })  
  payInfo.value = res.data  
}  
  
// 患者详情  
const patient = ref<Patient>()  
const loadPatient = async () => {  
  if (!store.consult.patientId) return  
  const res = await getPatientDetail(store.consult.patientId)  
  patient.value = res.data  
}  
  
onMounted(() => {  
  loadData()  
  loadPatient()  
})
```

08

## 极速问诊-问诊支付-完成渲染

## 极速问诊-问诊支付-完成渲染



```
<div class="consult-pay-page" v-if="payInfo && patient">
  <cp-nav-bar title="支付" />
  <div class="pay-info">
    <p class="tit">图文问诊 {{ payInfo.payment }} 元</p>
    
    <p class="desc"> ...
  </div>
  </div>
  <div class="pay-space"></div>
  <van-cell-group>
    <van-cell title="优惠券" :value="-¥{{payInfo.couponDeduction}}" />
    <van-cell title="积分抵扣" :value="-¥{{payInfo.pointDeduction}}" />
    <van-cell
      title="实付款"
      :value="¥{{payInfo.actualPayment}}"
      class="pay-price"
    />
  </van-cell-group>
  <div class="pay-schema">
    <van-checkbox v-model="agree">
      我已同意 <span class="text">支付协议</span>
    </van-checkbox>
  </div>
  <van-submit-bar
    button-type="primary"
    :price="payInfo.actualPayment * 100"
  </van-submit-bar>
</div>
```

```
// 记录优惠券
const setCoupon = (id: string) => (consult.value.couponId = id)

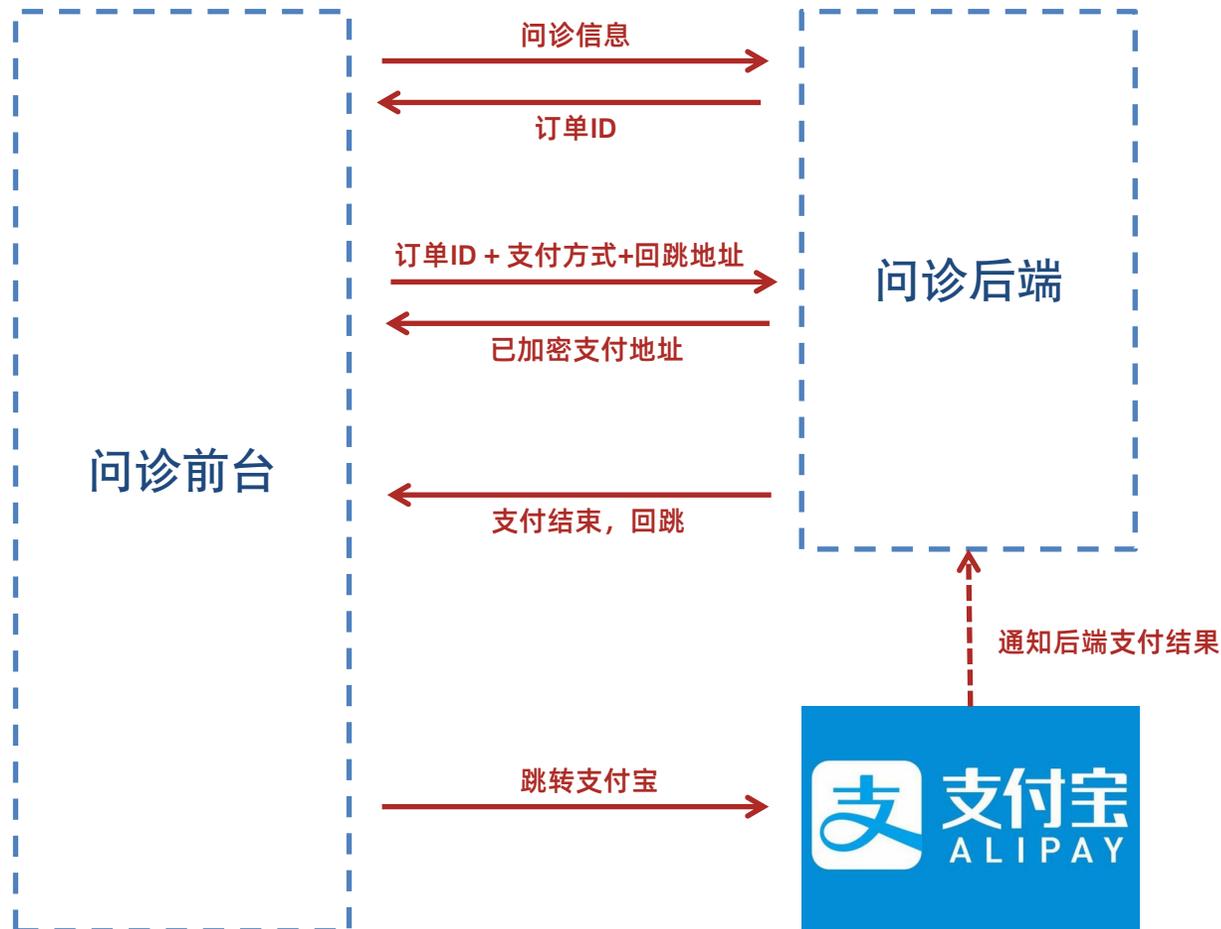
const loadData = async () => {
  const res = await getConsultOrderPre({
    type: store.consult.type,
    illnessType: store.consult.illnessType
  })
  payInfo.value = res.data
  // 记录优惠券ID
  store.setCoupon(res.data.couponId)
}
```

```
<div class="consult-pay-page" v-if="payInfo && patient"> ...
</div>
<div class="consult-pay-page" v-else>
  <cp-nav-bar title="支付" />
  <van-skeleton title :row="10" style="margin-top: 18px" />
</div>
```

09

## 极速问诊-问诊支付-支付流程

## 极速问诊-问诊支付-支付流程



测试账号: jfjbwb4477@sandbox.com

登录密码: 111111

支付密码: 111111

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极速问诊-问诊支付-生成订单

## 极速问诊-问诊支付-生成订单

控制抽屉

生成订单API

实现生成订单

清理&记录订单ID

```
const show = ref(false)
const paymentMethod = ref<0 | 1>()
const submit = async () => {
  if (!agree.value) return showToast('请勾选我已同意支付协议')
  show.value = true
}
```

```
<van-submit-bar
  button-type="primary"
  :price="payInfo.actualPayment * 100"
  button-text="立即支付"
  text-align="left"
  @click="submit"
/>
```

```
<van-action-sheet v-model:show="show" title="选择支付方式">
  <div class="pay-type">
    <p class="amount">¥{{ payInfo.actualPayment.toFixed(2) }}</p>
    <van-cell-group>
      <van-cell title="微信支付" @click="paymentMethod = 0">
        <template #icon><cp-icon name="consult-wechat" /></template>
        <template #extra>
          <van-checkbox :checked="paymentMethod === 0" />
        </template>
      </van-cell>
      <van-cell title="支付宝支付" @click="paymentMethod = 1">
        <template #icon><cp-icon name="consult-alipay" /></template>
        <template #extra>
          <van-checkbox :checked="paymentMethod === 1" />
        </template>
      </van-cell>
    </van-cell-group>
    <div class="btn">
      <van-button type="primary" round block>立即支付</van-button>
    </div>
  </div>
</van-action-sheet>
```

```
// 生成订单
const show = ref(false)
const paymentMethod = ref<0 | 1>()
const loading = ref(false)
const orderId = ref('')
const submit = async () => {
  if (!agree.value) return showToast('请勾选我已同意支付协议')
  loading.value = true
  const res = await createConsultOrder(store.consult)
  orderId.value = res.data.id
  loading.value = false
  store.clear()

  show.value = true
}
```

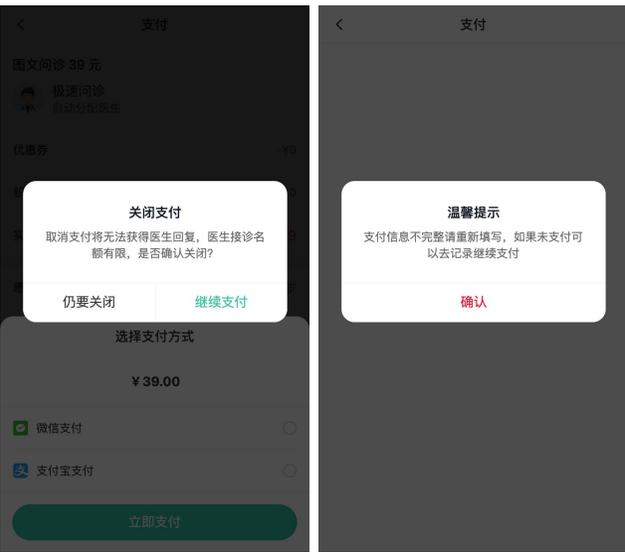
```
<van-submit-bar
  button-type="primary"
  :price="payInfo.actualPayment * 100"
  button-text="立即支付"
  text-align="left"
  @click="submit"
  :loading="loading"
/>
```

```
// 生成订单
export const createConsultOrder = (data: PartialConsult) =>
  request<{ id: string }>('/patient/consult/order', 'POST', data)
```

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## 极速问诊-问诊支付-用户引导

## 极速问诊-问诊支付-用户引导



```
// 阻止返回  
onBeforeRouteLeave(() => {  
  if (orderId.value) return false  
})  
  
<van-action-sheet  
  v-model:show="show"  
  title="选择支付方式"  
  :close-on-popstate="false"  
>
```

```
<van-action-sheet  
  v-model:show="show"  
  title="选择支付方式"  
  :close-on-popstate="false"  
  :closeable="false"  
  :before-close="onClose"  
>
```

```
// 阻止抽屉  
const router = useRouter()  
const onClose = () => {  
  return showConfirmDialog({  
    title: '关闭支付',  
    message: '取消支付将无法获得医生回复，医生接诊名额有限，是否确认关闭？',  
    cancelButtonText: '仍要关闭',  
    confirmButtonText: '继续支付'  
  })  
  .then(() => {  
    return false  
  })  
  .catch(() => {  
    orderId.value = ''  
    router.push('/user/consult')  
    return true  
  })  
}
```

```
type Key = keyof PartialConsult  
onMounted(() => {  
  // 生成订单需要的信息不完整的时候需要提示  
  const validKeys: Key[] = [  
    'type',  
    'illnessType',  
    'depId',  
    'illnessDesc',  
    'illnessTime',  
    'consultFlag',  
    'patientId'  
  ]  
  const valid = validKeys.every((key) => store.consult[key] !== undefined)  
  if (!valid) {  
    return showDialog({  
      title: '温馨提示',  
      message:  
        '问诊信息不完整请重新填写，如有未支付的问诊订单可在问诊记录中继续支付！',  
      closeOnPopstate: false  
    }).then(() => {  
      router.push('/')  
    })  
  }  
  loadData()  
  loadPatient()  
})
```

知识：  
keyof 从对象类型取出  
key的联合类型

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极速问诊-问诊支付-进行支付

## 极速问诊-问诊支付-进行支付

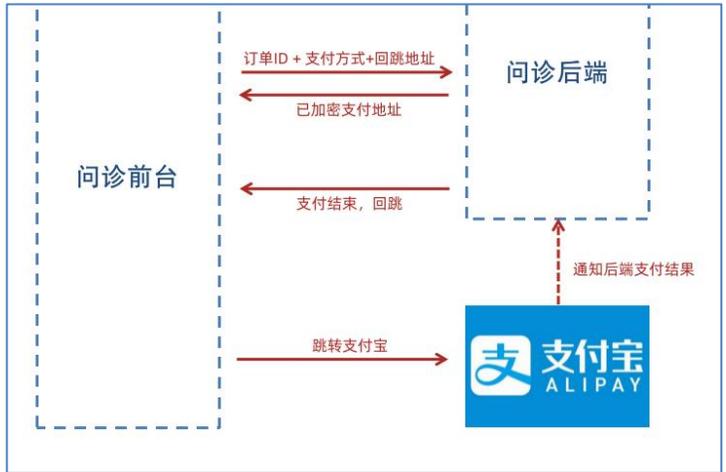


```
// 获取支付地址 0 是微信 1 支付宝
export const getConsultOrderPayUrl = (params: {
  paymentMethod: 0 | 1
  orderId: string
  payCallback: string
}) => request<{ payUrl: string }>('/patient/consult/pay', 'POST', params)
```

```
{
  path: '/room',
  component: () => import('@/views/Room/index.vue'),
  meta: { title: '问诊室' },
  beforeEnter(to) {
    if (to.query.payResult === 'false') return '/user/consult'
  }
},
```

```
<van-button @click="pay" type="primary" round block>
  立即支付
</van-button>

// 跳转支付
const pay = async () => {
  if (paymentMethod.value === undefined) return showToast('请选择支付方式')
  showLoadingToast({ message: '跳转支付', duration: 0 })
  const res = await getConsultOrderPayUrl({
    orderId: orderId.value,
    paymentMethod: paymentMethod.value,
    payCallback: 'http://localhost:5173/room'
  })
  window.location.href = res.data.payUrl
}
```



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## 问诊室-组件拆分

## 问诊室-组件拆分



```
<div class="room-status">  
  <div class="wait">已通知医生尽快接诊, 24小时内医生未回复将自动退款</div>  
  <!-- <div class="chat">  
    <span>咨询中</span>  
    <span>剩余时间: 23:10:34</span>  
  </div> -->  
  <!-- <div class="end"><van-icon name="passed" /> 已结束</div> -->  
</div>
```

```
<div class="room-action">  
  <van-field  
    type="text"  
    class="input"  
    :border="false"  
    placeholder="问医生"  
    autocomplete="off"  
    :disabled="true"  
  ></van-field>  
  <van-uploader :preview-image="false" :disabled="true">  
    <cp-icon name="consult-img" />  
  </van-uploader>  
</div>
```

```
<!-- 患者卡片 -->  
<div class="msg msg-illness">--  
</div>  
<!-- 通知-通用 -->  
<div class="msg msg-tip">--  
</div>  
<!-- 通知-温馨提示 -->  
<div class="msg msg-tip">--  
</div>  
<!-- 通知-结束 -->  
<div class="msg msg-tip msg-tip-cancel">--  
</div>  
<!-- 发送文字 -->  
<div class="msg msg-to">--  
</div>  
<!-- 发送图片 -->  
<div class="msg msg-to">--  
</div>  
<!-- 接收文字 -->  
<div class="msg msg-from">--  
</div>  
<!-- 接收图片 -->  
<div class="msg msg-from">--  
</div>  
<!-- 处方卡片 -->  
<div class="msg msg-recipe">--  
</div>  
<!-- 评价卡片, 后期实现 -->
```

```
<template>  
  <div class="room-page">  
    <cp-nav-bar title="问诊室" />  
    <!-- 状态栏 -->  
    <room-status></room-status>  
    <!-- 消息 -->  
    <room-message></room-message>  
    <!-- 操作栏 -->  
    <room-action></room-action>  
  </div>  
</template>
```



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