Guideline of registration

0

Funding

source

Recruiting

status

Frequently Asked Questions

■

Register

status

Study leader:

supply):

Study leader's telephone:

Study leader's fax:

Study leader's E-mail:

Study leader's address:

Study leader's postcode:

Approved file of Ethical Committee: 查看附件View

Contact email of the ethic

1088 Xueyuan Road, Nanshan, Shenzhen,

12018 Shenlan Road, Nanshan, Shenzhen,

committee:

City:

City:

Medical Ethics Committee of Shenzhen HOME Women's and Children's Hospital

Guangdong

Guangdong

HIV-induced AIDS is a major medical problem that threatens all human beings in today's

or clinical technique to completely cure AIDS. Fortunately, governments and scientists

around the world have invested a lot of energy in HIV prevention and post-infection

have a long way to go to eliminate HIV. The only HIV-infected person who has been

world, affecting the safety and health of all human beings. To date, there is no effective drug

interventions. However, we are far from achieving the WHO's 2020 HIV prevention goals and

recognized as completely cured in the world is the Berlin patient". At that time, the patient

developed leukemia and was diagnosed as HIV-positive before the bone marrow stem cell

transplant. The German doctor used a bone marrow matching to creatively treats leukemia

in this patient with a rare CCR5 genetic mutation existing in Western European population

new medical model for HIV elimination. The current clinical trial is based on preclinical

research of cell lines, animal models and human waste embryos. It recruits HIV-positive

resistant to HIV-1. To date, "Berlin patient" has not detected with HIV in the body, creating a

patients with infertility and informs the volunteers of the risks and benefits through sufficient

informed consenting. The informed consent form is signed through one-on-one discussion.

The study design was submitted to the ethics committee of the hospital for discussion and

approval. Through the CCR5 gene editing of the human embryo in a comprehensive test

1. Married couple living in the People's Republic of China with HIV seropositivity (female

negative, male positive); 2. Men and women 22-38 years old; 3. Males are clinically stable,

failing to detect viral load of <75 copies/mL; screening for CD4 counts > 250; at least in the

past 12 months with a history of continuous antiretroviral therapy; 4. Clinically confirmed to

understand the purpose, risks and benefits of the trial; 6. Both subjects are willing to commit

1. The viral load of the father before sperm collection is > 75 copies / mL; 2. Mother or father

to using preventive contraception or maintaining abstinence for at least two months before

meet the medical guidelines for IVF therapy; 5. Fully informed consent of the couple to

has genetic variation within the target sequence of the CRISPR/Cas9 gene editing; 3.

failed; 6. Contraindications to use drugs during pregnancy; 7. With endocrine-related

clinical trial using a research diagnostic test, drug or device; 10. Subjects with other

Mother or father has genetic variation, creating a novel, high-probability off-target site for

CCR5-targeted gene editing; 4. During the study, natural pregnancy or fertilization failed

after two oocyte stimulation cycles; 5. Previously multiple in vitro fertilization (IVF) attempts

diseases, sexual hormones are at abnormal levels; 8. Currently using chemoradiotherapy

drugs to treat tumor-related diseases; 9. Participated in or recently participated in another

diseases, including alcohol abuse or mental illness, that may influence the current protocol

Guangdong

Province:

Level of the

institution:

Father, mother and progeny genome-wide deep sequencing analysis

Randomization Procedure (please AIDS public welfare organizations randomly distributes questionnaires to find qualified

Data collection and Management (A Clinical trial data will be collected using the case report form (CRF). The data will be

return list

World Health

Organization

Home | About ChiCTR | Trial Search | Document | Reg guide | Question

The world health organization international clinical trials registered organization registered platform

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Tips: it is recommended to use more than IE8.0 widescreen display resolution version using system.

Sample size:

Intervention code:

20

Type:

Measure

method:

Measure

method:

Tissue:

Note:

Tissue:

Note:

volunteers, recruitment interviews, medical examinations at hospitals, and signing informed

managed by an electronic data capture (EDC) system. Results will be reported 6 months

香港临床试

ottawagroup

Participant age:

Gender:

Both

City:

Primary indicator

Primary indicator

Min age 22 years

Max age 38 years

elimination of major genetic diseases in early human embryos.

egg collection and within one month after birth.

based on the researcher or clinician's judgment.

Study execute time: From 2017-03-07 To 2019-03-07

Case series

China

CCR5 gene editing

Children's Hospital

Shenzhen HOME Women's and

BLOOD

EMBRYOS

Others

Destruction after use

Provide URL and data after six months of trial

Pregnancy and guarantee one or more live births

Group:

Intervention:

Country:

Institution

hospital:

Outcome:

point of

outcome:

Outcome:

point of

outcome:

Measure time

Sample Name:

Fate of sample:

Sample Name:

Fate of sample:

Measure time

system, we set to obtain healthy children to avoid HIV providing new insights for the future

Guangdong, China

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Province:

Address:

Province:

Address:

Shenzhen Science and Technology Innovation Free Exploration Project

South University of Science and Technology of China

Study leader's website(voluntary

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hejk@sustc.edu.cn

Guangdong, China

1088 Xueyuan Road, Nanshan, Shenzhen,

Measure

世界卫生组织国际临床试验注册平台一级注册机构

Secondary

sponsor(s)

Document |

Primary

sponsor(s)

Today is 2018-11-27

English

Study type

简体中文

Ethical

committee

Home

Trial search

About ChiCTR

Nation

Province(City)

English Acronym:

Safety and validity evaluation of HIV immune gene CCR5 gene editing in human embryos Applicant: QIN JINZHOU

ChifCTR 中国临床试验注册中心
Chinese Clinical Trial Registry

Trial Search

Code of

disease

Evaluation of the safety and efficacy of gene editing with human embryo CCR5 gene The registration number of the Applicant telephone: +86 13246755209 Applicant Fax:

Partner Registry or other register: Applicant E-mail:

qinjinzhou851018@163.com Applicant website(voluntary supply): 1088 Xueyuan Road, Nanshan, Shenzhen, Guangdong, Applicant address: China

Applicant postcode: Applicant's institution: Southern University of Science and Technology

Huang Huafeng

China

China

Relative factors research

South University of Science and

Shenzhen HarMoniCare Women

Technology of China

& Children's Hospital

Approved by ethic committee: Yes 20170307

Approved No. of ethic committee: Name of the ethic committee: Date of approved by ethic 2017-03-07

Contact Name of the ethic

Contact Address of the ethic

Contact phone of the ethic

Primary sponsor:

Secondary sponsor:

Source(s) of funding:

Target disease code:

Objectives of Study:

Description for medicine or

Inclusion criteria

Exclusion criteria:

Interventions:

Countries of recruitment and

research settings:

Outcomes:

Collecting sample(s) from participants:

state who generates the random

the Study Completed(upload file):

The way of sharing IPD" (include metadata and protocol, If use web-

based public database, please

standard data collection and

management system include a CRF

and an electronic data capture:

Data Managemen Committee:

provide the url):

ResMan Chi ECRCT 中国注册临床试验

number sequence and by what

Calculated Results ater

Recruiting status: Recruiting

method): consent.

download

有/Yes

The time of sharing IPD: Within six months after the trial complete

after the study completes.

Blinding: N/A

Study design: Case series

protocol of treatment in detail:

Target disease:

Study type:

Study phase:

Primary sponsor's address:

committee:

committee:

committee:

Country:

Institution

hospital:

Country:

Institution

hospital:

HIV

Other