

Cerebral palsy

A scenic view of a coastal town built on a rocky island, surrounded by clear blue water and a sandy beach. The town features stone buildings with orange-tiled roofs. In the foreground, there are vibrant red flowers.

Dr.
Mahmood Dhahir Subhi

Cerebral palsy



- **Prevalence of 3:1000 live births**
- **Definition**

Cerebral palsy



Etiology:

- **Primary (50%)**
- **Secondary (50%)**
 - A- Prenatal**
 - B- Natal**
 - C- Postnatal**

Cerebral palsy

Varieties:

1- Spastic CP (70%):

A- Spastic Hemiplegia (25-40%).

B- Spastic Diplegia (25-35%)

C- Spastic Quadriplegia (40-45%)

2- Dystonic (Athetoid) CP (10-15%)

3- Ataxic CP (5%)

4- Mixed CP (10%)

Cerebral palsy

ARM AND LEG
ON ONE SIDE
(HEMIPLEGIC)

arm bent;
hand
spastic
or floppy,
often of
little use



this side
completely
or almost
normal

She walks
on tiptoe
or outside
of foot on
affected
side.

BOTH LEGS ONLY
(PARAPLEGIC)
or with slight
involvement elsewhere
(DIPLEGIC)

upper body
usually
normal or
with very
minor signs



Child may
develop
contractures
of ankles
and feet.

BOTH ARMS AND
BOTH LEGS
(QUADRIPLLEGIC)

When he walks, his
arms, head, and
even his mouth may
twist strangely.

Children with all
4 limbs affected
often have such
severe brain damage
that they never
are able to walk.

The knees press
together.

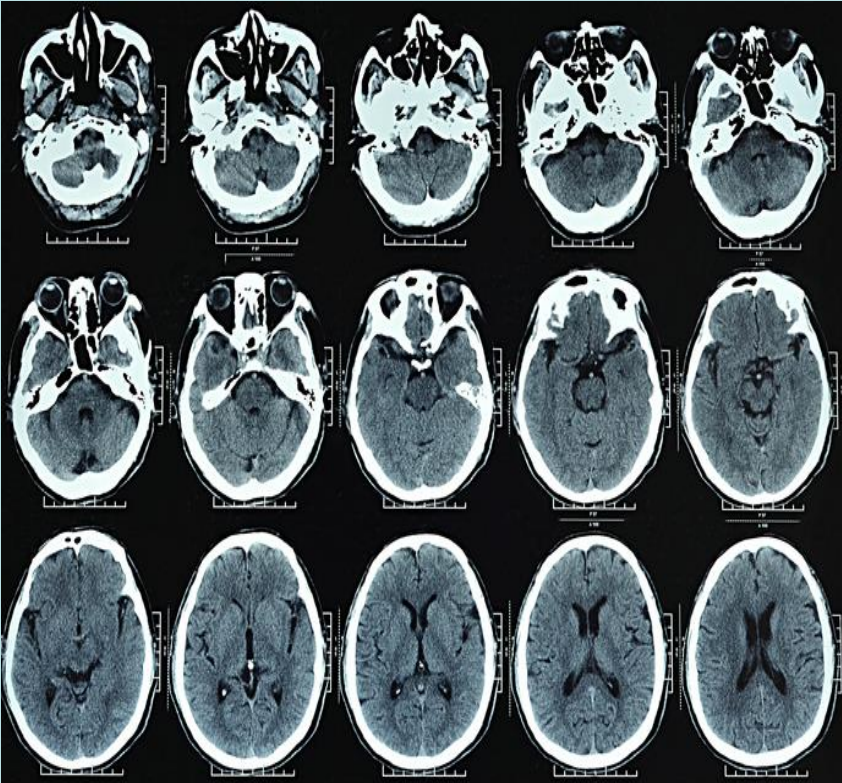
legs and feet
turned inward



Cerebral palsy

Diagnosis:

- * Often clinical
- * Sometimes CT scan , MRI



Cerebral palsy

Cerebral Palsy Treatment

Some of the most common treatment options for children with cerebral palsy include:

- + Physical Therapy
- + Surgery
- + Medications
- + Stem Cell Injections
- + Alternative Therapies



Treatment:

- **Not curative**
- **Chronic disabling problem**
- **Multidisciplinary team approach**
- **Family support**
- **Prognosis (Bad?)**
- **Stem cell injection?**