

1. Clinical Chiropractic Treatment Equipment

Chiropractic Tables:

- Adjustable Chiropractic Table (Drop-piece or Flexion-Distraction): Used for spinal manipulation; should be height-adjustable with load capacity ≥ 150 kg.
- Electric Treatment Table: Helps with repositioning and advanced adjustments.

Purpose: Patient positioning, spinal manipulation comfort, leverage, and safety.

2. Assessment & Diagnostic Tools

Posture & Alignment Tools:

- Posture grid wall chart with plumb line
- Goniometer (for joint angle measurement)
- Inclinator (for spinal curvature and range of motion)

Functional Assessment:

- Balance boards
- Functional movement screening tools
- Tuning forks (nerve sensitivity)

Neurological Testing:

- Reflex hammer
- Sensory pinwheel

Advanced Diagnostic Options:

- Digital posture analysis systems
- Surface EMG scanners
- Force plates for gait and balance analysis

3. Therapy & Pain Management Devices

Electrotherapy:

- TENS unit (pain modulation)
- EMS unit (muscle strengthening)
- Ultrasound therapy machine (deep tissue healing)

Soft Tissue Therapy:

- Percussion massage devices
- Cupping therapy sets
- Myofascial release tools (IASTM / Graston tools)

Heat & Cold Therapy:

- Hot packs
- Cryotherapy packs

4. Rehabilitation & Exercise Equipment

Core Rehabilitation:

- Stability balls (various sizes)
- Resistance bands (multiple resistance levels)
- Foam rollers
- Balance pads and BOSU balls

Movement & Flexibility:

- Stretch straps
- Pilates rings
- TRX suspension trainers
- Agility ladders and mini-hurdles

Advanced Rehab Tools:

- Cable pulley machines
- Adjustable dumbbells

- Ankle and wrist weights
- Spine rollers

5. Gait & Movement Analysis Lab (Optional)

Gait & Movement Tools:

- Speed-controlled treadmill
- Pressure mapping mats for foot strike and gait analysis
- Motion capture cameras for movement analysis

6. Essential Support Equipment

Clinic Essentials:

- Hand sanitizers
- Disposable wipes
- Medical-grade disinfectants

Record Keeping:

- Computer system with monitor
- Clinic management software
- Printer and scanner

Patient Comfort & Safety:

- Patient gowns
- Pillows and bolsters
- Towels and linens

7. Optional Premium Tools

Advanced Technologies:

- Diagnostic ultrasound imaging (sonography)
- Low-level laser therapy equipment
- Shockwave therapy machines
- Isokinetic strength testing machines
- 3D posture scanning systems

8. Legal & Safety Requirements in India

- Compliance with local health and safety norms
- Fire safety certification where applicable
- Biomedical waste disposal agreement
- Patient consent forms for treatment and digital records
- Display of practitioner credentials and licenses

9. Budget Estimation (Approximate)

- Chiropractic tables: INR 40,000 – 2,50,000
- Diagnostic tools: INR 15,000 – 1,50,000
- Electrotherapy devices: INR 20,000 – 80,000
- Rehabilitation equipment: INR 10,000 – 80,000
- Advanced gait lab: INR 2,00,000 – 10,00,000
- Support equipment: INR 15,000 – 60,000

Total estimated setup cost: INR 1,50,000 – 15,00,000+ depending on scale and technology level.

10. Equipment Selection Tips

- Choose medical-grade, certified equipment with warranty
- Prioritize ergonomics and patient safety
- Select scalable and modular systems
- Ensure vendor provides training and maintenance support

11. Suggested Clinical Workflow

1. Initial assessment and documentation
2. Biomechanical and movement analysis

3. Diagnosis and personalized treatment plan
4. Chiropractic adjustments and therapy
5. Rehabilitation and corrective exercises
6. Follow-up assessments and progress tracking

12. Modern Lab Enhancements

- Digital patient portal
- Cloud-based EMR with progress tracking
- Teleconsultation and virtual follow-ups