

Standard Ophthalmic Equipment List

The following equipment list contains items that are needed in an eye clinic. The optometrist/ophthalmologist at the location will need to determine which equipment from the list, and any additional equipment, is required at that facility and the quantity of each required item. The type and quantity should be based on the type of eye care program that will be carried out at the facility. Generic or brand names may be given. Discussions with the Service Unit or Indian Health Service Area biomedical officer is recommended. This list is complete for a one-lane examining room. The equipment needs for a facility with more than one eye lane will need to be appropriately adjusted. The quantity of each item is listed in parenthesis.

EXAMINATION LANE

1. Ophthalmic chair, conventional/wheelchair accessible
2. Ophthalmic stand and/or wall mount for phoropter, slit lamp, keratometer
3. Examining stools, casters
4. Phoropter
5. Slit lamp with Goldman tonometer, 78D/90D lenses and other accessories
6. Digital visual acuity system
7. Keratometer
8. Lensometers
9. Ophthalmoscope, transilluminator and retinoscope
10. Rechargeable handles (3)
11. Gonioscopy lens
12. Binocular indirect ophthalmoscope
13. Condensing lens, one medium and one high dioptric power
14. Instrument/equipment storage cabinets
15. Appropriate contact lens fitting sets (optional)
16. Non-illuminated acuity chart
17. Prism bars (vertical & horizontal)
18. Occluders, solid, PH and red lens
19. PD rulers
20. Foreign body burr and golf club spud (1-2 per clinic)
21. Worth 4 dot
22. Hand-held applanation tonometer (ex. I-care, Tonopen)
23. Sphygmomanometer and stethoscope
24. Minor procedure instruments
25. Near point cards
26. Trial lens handles, hand held
27. Patient education material
28. Pediatric fixation device
29. Trial lens set - corrected curves
30. Trial lens cabinet
31. Trial frame - adult and child, Janelli clips

32. Color test charts
33. Stereo-acuity tests
34. Amsler grid
35. Sink with running water and eye wash station
36. Desk, chair, lamp

TREATMENT/MINOR PROCEDURE ROOM

1. Minor surgery exam chair appropriate for eyelid procedures
2. Ophthalmic stand with instrument arm(s) and/or instrument wall mounts
3. Slit lamp with Goldman tonometer, 78D/90D lenses, and other accessories
4. Slit lamp camera, and Fundus camera
5. Examining stools, casters (2)
6. Ophthalmoscope with rechargeable handle
7. Binocular Indirect ophthalmoscope
8. Condensing lenses, one high and one medium dioptic power
9. Gonioscopy lens (3)
10. Instrument/equipment storage cabinets
11. Burton lamp
12. Foreign body burr
13. Minor procedure instruments
14. Amsler grid
15. Pen lights
16. Binocular loupes
17. Sink with running water and eye wash station
18. Desk or other writing surface
19. Digital visual acuity system
20. Exophthalmometer
21. Vital signs monitoring device

SPECIAL TESTING ROOM

Visual Fields/OCT

1. Automated field testing equipment, central and peripheral, with accessories
2. Appropriate instrument tables, as required
3. Examining stools, casters (2)
4. Desk or other writing surface
5. Storage cabinet, small
6. Printer compatible with equipment
7. OCT testing equipment
8. Appropriate instrument table
9. Fundus photography equipment

SCREENING ROOM

1. Stools with casters (2)
2. Digital visual acuity system
3. Autorefractor/Keratometer
4. Lensometer
5. Pediatric fixation device
6. Sink with running water and eye wash station

OTHER

For clinics with staff ophthalmologists, dependent upon specialties, the following may be needed.

1. Argon laser with indirect laser attachment
2. Yag laser
3. SLT laser
4. Diode laser
5. Fluorescein Angiogram

DISPENSARY (If applicable)

1. Wall mirror
2. Fitting chair
3. Dispensing stool
4. Fitting table
5. Frame bars/boards
6. Table mirror
7. PD scope/pupilometer

LABORATORY AND/OR DISPENSING (If applicable)

Optician tools/equipment and supplies as required but should include the following as a suggested list.

1. Contact lens modification unit
2. Vigor type repair bench
3. Stool for repair bench
4. Frame warmer
5. Glass beads
6. Lens gauge
7. Caliper
8. Screw finishing file
9. Screw head file
10. Hair round file
11. Zylonit file

12. Rat tail files
13. Snipe nose pliers
14. Looping pliers
15. Side cutting pliers
16. Chappel end cutting plier
17. Vertical hinge grip plier
18. Axis aligning plier
19. Rubber jaw plier
20. Punch plier
21. Lens cleaning solution
22. Screwdrivers, assorted
23. Wrench
24. Punch
25. Tweezers
26. Hammers
27. Anvil
28. Tap holder
29. Aligner
30. Rack
31. Silver solder paste with flux
32. Gold solder paste with flux
33. Battern self-pickling flux
34. Ultra sonic cleaner
35. Ultra sonic cleaning solution
36. Soldering gun
37. Titmus frame repair
38. Screw kit
39. Contact lens solution
40. Mercer plastic frame repair
41. Contact lens measuring instrumentation
42. Spring hinge tool