

Complete CCX Lab List as of July 2011

Labs are organized alphabetically within the following categories in the order they are found in the list below:

Blood A-G	Cerebrospinal	MRI
Blood H-Z	Genetics	Special Procedures
Hematologic	X-Rays	Cardiovascular
Immunology	Nuclear	Gastrointestinal
Microbiology	Ultrasound	Electrodiagnosis
Urine	CT	Other
Stool		

Blood A-G

11-Deoxycortisol	Carcinoembryonic Antigen (CEA)
17-Hydroxyprogesterone	Cardiac Isoenzymes
5-Nucleotidase	Carotenoids (carotene)
Acetone (Ketone) (Blood)	Capillary Blood Gases (CBG)
Acid Phosphatase	Celiac Sprue (ARA, AGA, Endomysial Antibodies)
ACTH Stimulation Test	Ceruloplasmin
Adrenocorticotropin (ACTH)	Chloride, Cl (Blood)
Alcohol (EtOH)	Cholesterol, Lipids (HDL, LDL, VLDL, Triglycerides and Total)
Aldolase	Cholinesterase
Aldosterone (Blood)	CK (CPK, Creatine Kinase)
Alkaline Phosphatase	Clotting Time (glass, blood)
Alpha Fetoprotein Level	Copper, Cu (Blood)
Alpha-1 Antitrypsin	Cortisol
ALT (SGPT)	CPK-MB (CK-MB)
Amino Acid Screen	Creatine Kinase (CPK, CK)
Ammonia, NH ₄ (Blood)	Creatinine (Blood)
Amylase	Creatinine with eGFR calculation
Androstenedione	D-Dimer
Angiotensin Converting Enzyme (ACE)	Dexamethasone Suppression Test
Anti-Cardiolipin Antibody	Drug Screen (toxicology, quantitative)(Blood/Urine)
Arterial Blood Gases (ABG)	Electrolytes (Blood)
AST (SGOT)	Endomysial Antibodies (ARA & AGA for Celiac Sprue)
B (Brain)-Type Natriuretic Peptide	Estradiol Serum
Barbiturate	Ethanol (EtOH)
Bicarbonate, HCO ₃ (Blood)	Fasting Blood Sugar (FBS)
Bilirubin (Blood) (Direct & Indirect)	Folic Acid (Folate)
Blood Alcohol (EtOH)	Follicle-Stimulating Hormone (FSH)
Blood Sugar (Fasting)	Free Light Chains
Blood Volume (whole blood)	Free T4 Assay
Bone Alkaline Phosphatase	Fructosamine
BUN	Gamma Glutamyl Transpeptidase (GGT)
C-Peptide	Gastrin
C-Reactive Protein (CRP)	Glucose (Fasting)
CA 15-3 (Carbohydrate Antigen 15-3)	Glucose, Random
Calcitonin	Glucose Tolerance Test (GTT)
Calcium, Ca (Blood)	
Calcium (Free, ionized)	
Carbon Dioxide Content, CO ₂	
Carbon Monoxide, CO	

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Glucose-6-Phosphate Dehydrogenase (G6PD)
Growth Hormone (GH)

Blood H-Z

H. pylori Antibody
Hepatitis Panel: HBs, HBcAg, HA, antiHBs, antiHA, antiHBc
Heterophil Antibody
HIV Antibody
HIV Western Blot
Homocysteine (little alpha)
Human Chorionic Gonadotropin, Beta Subunit (HCG, BHCG)
Immunofixation Electrophoresis
Immunoglobulins: IgA, IgD, IgE, IgG, IgM
Inferior Petrosal Sinus ACTH Sampling
Insulin Antibody
Insulin Assay
Iron, Fe
Iron-Binding Capacity (TIBC)
Iron Saturation
Ketone (Acetone) (Blood)
Lactic Acid
Lactic Dehydrogenase (LDH)
Lead, Pb (Blood)
Lipase
Lipids, Cholesterol (HDL, LDL, VLDL, Triglycerides and Total)
Lipoprotein Electrophoresis (LEP) or Profile
Lithium, Li (Blood)
Luteinizing Hormone (LH)
Lysozyme
Magnesium, Mg (Blood)
Mono-Spot Test
Muramidase (Blood)
Osmolality
Osteocalcin (Bone GLA Protein)
Parathyroid Hormone (PTH) Intact
Phenylalanine
Phosphatase, Acid
Phosphatase, Alkaline
Phosphorus, P (Blood)
Postprandial Blood Sugar
Potassium, K (Blood)
Progesterone
Prolactin
Prostatic Specific Antigen (PSA)
Protein, Albumin
Protein, Globulin
Protein, Total

Random Glucose
Renin
Rheumatoid Factor
RT3U (T3 uptake)
Serum Protein Electrophoresis (Qualitative) (SPEP)
SGOT (AST)
SGPT (ALT)
Sodium, Na (Blood)
T3 (T3 by RIA, Triiodothyronine)
T3 Uptake (RT3U)
T4 (Thyroxine by RIA, TT4)
T7
Testosterone
Therapeutic Drug Levels
Therapeutic Screen for Drugs
Thyroid Hormone-Binding Ratio (TBHR)
Thyroid-Stimulating-Hormone (TSH), ultrasensitive
Thyroxine by RIA (T4, TT4)
Thyroxine, Free (Free T4)
Thyroxine-Binding-Globulin Binding Capacity
Total Protein
Toxic Screen for Metals
Transferrin (blood)
Triglycerides
Triiodothyronine (T3, T3 by RIA)
Troponin
TT4 (Thyroxine by RIA, T4)
Urea Nitrogen (BUN)
Uric Acid
Vasopressin Level (Serum ADH Level)
VDRL, Blood
Vitamin B12 and Folic Acid
Vitamin D, 25-Hydroxy
Vitamin D, 1,25-Hydroxy

Hematologic

Antithrombin III
Bleeding Time
Clot Retraction
Clotting Time (glass, hematalogic)
Complete Blood Count with Differential (CBC)
Erythrocyte Enzymes
Erythrocyte Sedimentation Rate (ESR)
Factor II (prothrombin)
Factor IX (plasma thromboplastic co-factor)
Factor V (accelerator, globulin)

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Factor V Leiden (R506Q) Mutation, Whole Blood	Whole-Blood Clot Lysis
Factor VII (proconvertin-Stuart)	
Factor VIII (antihemophilic globulin)	Immunology
Factor X (Stuart factor)	Amebiasis
Factor XI (plasma thromboplastic antecedent)	Anti-Acetylcholine Receptor Antibodies
Factor XII (Hageman factor)	Anti-Cardiolipin Antibody
Factor XIII screen	Antiglomerular Basement Membrane Antibody
Fast Hemoglobin (glycosylated) (HbA1C)	Anti-Smooth Muscle Antibody
Ferritin	Antibody Screen
Fetal Hemoglobin	Anticentromere Antibody
Fibrin Split Products (FDP)	Antidouble-Stranded DNA
Fibrinogen	Antineutrophil Cytoplasmic Antibody (ANCA)
Glucose-6-Phosphate Dehydrogenase (G6PD)	Antinuclear Antibody (ANA,FANA)
Glutathione Reductase	Antistreptolysin O (ASO)
Glycosylated Hemoglobin (HbA1C)	Antistriated Muscle Antibodies
Haptoglobin	Ascariasis
Hematocrit (finger stick) (HCT)	Brucellosis Agglutinins
Hemoglobin (Hb)	C-Reactive Protein (CRP)
Hemoglobin A1c (HbA1C)	CD4 (T Helpers)
Hemoglobin A2	CD8 cell count (T suppressors)
Hemoglobin Electrophoresis	C3 Complement
HLA-B27	C4 Complement
International Normalized Ratio (INR)	CA 19-9
LE Preparation	CA-125
Leukocyte Alkaline Phosphatase	Candida Antibody
Lupus Anticoagulant	Candidiasis (skin test)
Met-Hemoglobin & Sulf-hemoglobin	CEA (Carcinoembryonic Antigen)
NBT Dye Test	Coccidioides Immunodiffusion Test
Osmotic Fragility of Erythrocytes	Cold Agglutinins
Partial Thromboplastin Time (PTT)	Complement, Total Hemolytic
Peripheral Blood Smear	Coombs Test
Peroxide Hemolysis	Cryoglobulins
Platelet Aggregation	Cryptococcal Antigen (CSF/serum)
Platelets (Pit)	Cytomegalovirus (CMV) Antibody titer
Protein C, Functional	Diphtheria Toxoid (Schick test)
Protein S, Functional	Echinococcosis
Protein S, Total	Epstein Barr Virus titer
Prothrombin (G20210A) Gene Mutation (Factor II)	Febrile Agglutininations
Prothrombin Time/International Normalized Ratio (PT/INR)	Filariasis
Pyruvate Kinase	FTA-ABS (Fluorescent Trepinemal Antibody-Absorption)
Quantitative Nitroblue Tertazolium Test	Fungal Antibody titers
Reticulocyte Count	Helicobacter pylori IgG
Sedimentation Rate (Westergren, ESR)	Heterophil Antibody
Sickle Cell Prep	Histocompatibility Antigen
Thrombin Time	Histoplasmosis Immunodiffusion
Type and Crossmatch	HIV Antibody
Type and Screen	HIV Western Blot
	Immunoelectrophoresis

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Infectious Mononucleosis Titer
Lyme Titer (ELISA)
Lyme Western Blot
Lymphocyte Typing by Monoclonal Antibodies
Malaria Smear
MHAT (Micro-hemagglutination Treponema)
Migration Inhibition
Mumps Skin Test
Mycoplasma Titer
Nasal Smear and/or Culture for Adenovirus
Nasal Smear for RSV
PPD (skin test for tuberculosis)
Rapid Plasma Reagin Test (RPR)
RH Typing
Rheumatoid Factor
Rocky Mountain Spotted Fever Titer
Rubella titer
Schick Test (Diphtheria Toxoid)
Serology
Serum antibody titers
Serum Complement Titers
Skeletal Muscle Antibody
SKSD Skin Test (Streptokinase-Streptodornase)
Smooth Muscle Antibody
SS-A (Ro)
SS-B (La)
Tissue Antibody/Autoantibody Studies
Total Hemolytic Complement
Toxoplasmosis
TRAb
TSHR (stim) Ab
TSIG
VDRL, Blood
VDRL, Spinal
Viral Antibody titers
Viral Load

Microbiology
Acanthamoeba Stain
Acid Fast Stain (AFB) and Cultures
Antibiotic Sensitivities and Susceptibilities
Arthropod ID
Avian Flu (Influenza A-H5N1 virus)
Blood Cultures (bacterial)
Blood Cultures (viral)
Blood Cultures (fungal)
Bordetella Pertussis & B. Parapertussis by PCR
Bronchial Aspirate Culture
Catheter Tip Culture (semi-quantitative)
Chlamydia Culture
Chlamydia Immunoassay PCR
Clostridia Difficile tcbB Gene DNA Detection by PCR
Clostridia Difficile Toxin Assay (CDT)
Cryptococcal Antigen (CSF/Serum)
CSF (cerebrospinal) Cultures (bacterial and viral)
CSF (cerebrospinal) Cultures (fungus & AFB)
Cultures of Lesions or Other Bodily Fluids (bacteria, fungi)
Cytomegalovirus by PCR, Quantitative
Elisa for Viruses
Enterovirus by PCR
Enterovirus CSF by PCR
Fecal Culture
G.C. Culture (gonorrhea culture)
Gram Stain
Herpes Simplex Virus (HSV) Assay on CSF by PCR
India Ink Preparation
Influenza Viral Testing
Influenza Washings
KOH Prep
Legionella Antigen (Blood)
Legionella Pneumophila, Antigen Urine
Malaria Smear
Minimum Inhibitory Concentration
Naegleria Stain
Nasal Smear for Eosinophils
Nasal Washings for RSV
Nocardia Culture
Pneumocystis
Quantitative Bacterial Culture
Rapid Urease Test for H. pylori, Gastric Biopsy Specimen
Schlichter Serum
Scotch Tape Prep for Pin Worms
Sputum for Acid Fast Bacilli
Sputum for Bacterial and Sensitivity
Sputum for Cytology
Sputum for Viral Culture
Stool Antigen Cryptosporidiosis--Cryptosporidium
Stool Culture, Routine (bacterial and viral)
Streptococcal Pneumoniae Antigen, Urine
Streptococcus Group A Antigen and Culture
String Test for Giardia
Trichomonas Wet Prep and Culture

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Throat Culture
Urine Cultures
Vaginal Wet Prep
Woods Light

Urine

17 - Hydroxycorticosteroids
17-Ketosteroids
5-Hydroxyindoleacetic Acid
24-hour Urine Volume
Acetone (Ketone) (Urine)
Aldosterone (Urine)
Amino Acid Screen, Qualitative (metabolic screen)
Amylase clearance
Antidiuretic Hormone (ADH)
Bence Jones Protein
Calcium, Ca (Urine)
Catecholamines
Chloride, Cl (Urine)
Copper, Cu (Urine)
Coproporphyrin
Cortisol, Free, Urine
Creatinine (Urine)
Creatinine Clearance
Cyclic AMP (Urine)
Cystine or Cysteine
Delta ALA
Drug Screen (toxicology, quantitative)(Urine/Blood)
Electrolytes (Urine)
Estrogens, Total (estradiol, estriol, estrone)
Fractional Excretion of Sodium (FENa) calculation, using serum and urine creatinine and sodium
Glucose-dipstick
Human Chorionic Gonadotropin (Pregnancy test, routine)
Hydroxyproline
Immunofixation Electrophoresis
Lead, Pb (Urine)
Lysozyme (Urine)
Metabolic Screen for Amino Acids
Metanephrine, Total (Normetanephrine)
Microalbumin, Urine
Muramidase (Urine)
Myoglobin
Oxalate
Phosphorus, P (Urine)
Porphobilinogen
Potassium, K (Urine)

Pregnancy Test (Urine)
Pregnanediol
Pregnanetriol
Protein, Quantitative
Pyridinium Collagen Cross-links
Sodium, Na (Urine)
Specific Gravity
Sugars (fructose, pentose)
Urea Nitrogen
Uric Acid
Urinalysis, Routine (UA)
Urine Glucose Dipstick
Urine Osmolality
Urine Protein Electrophoresis
Urobilinogen
Uroporphyrin
Vanillylmandelic Acid (VMA)

Stool

Chlamydiazyme
H. pylori fecal antigen
Occult Blood (Guaiac, heme-occult)
Osmolality
Ova and Parasites (O and P, O & P)
pH, Stool
Rotazyme
Stool Culture for Clostridia Difficile
Stool Culture for E. Coli
Stool Culture for Enteric Pathogens, Routine
Stool Culture for Giardia
Stool Fat
Stool for Cryptosporidium
Stool for Leukocytes (Stool WBC)
Stool for Reducing Substances
Stool Nitrogen

Cerebrospinal

Albumin (CSF)
Cell Count (CSF)
Chloride (CSF)
Counter-immunoelectrophoresis (CSF)
Cryptococcal Antigen (CSF/Serum)
Cytology
Glucose (CSF)
Herpes Simplex Virus (HSV) Assay on CSF by PCR
IgG (CSF)
IgG/Alb, Ratio (CSF)
Latex Agglutination
Lumbar Puncture for CSF

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Oligoclonal Bands
Protein (CSF)
Protein Electrophoresis (CSF)
Spinal Tap
VDRL (CSF)

Genetics

Buccal Smear
CF Genotype
Chromosome Studies, Amniotic Fluid
(Chromosome Karyotyping)
Chromosome Studies, Blood (Cytogenetic
Studies, Karyotyping)
Chromosome Studies, Bone Marrow
(Philadelphia Chromosome)
Chromosome Studies, Tissue (karyotyping)
Factor V Leiden (R506Q) Mutation, Whole
Blood
HFEG (C-Y282 mutation)
HLA B27
Prothrombin (G20210A) Gene Mutation
(Factor II)

X-Rays

Abdomen (KUB, x-ray)
Ankle (X-ray)
Aortogram
Arm/Hand (x-ray)
Arthrogram
Barium Enema (BE)
Barium Esophagram
Barium Swallow
Bone Densitometry - Forearm
Bone Densitometry - DEXA SCAN Hip and
Lumbar Spine
Bone densitometry - Lumbar Spine
Cervical Spine (x-ray) (C spine)
Chest (x-ray) (CXR)
Dental (x-ray)
Face/Sinuses (x-ray)
Femur (x-ray)
Fluoroscopy
Foot (x-ray)
Gallbladder, HIDA
Head/Skull (X-ray)
Hip (x-ray)
Hysterosalpingogram
IVP (intravenous pyelogram)
Jaw (x-ray)
Knee (x-ray)

KUB (x-ray)
Lateral Neck (x-ray)
Leg/Foot (x-ray)
Lumbar Spine (x-ray) (L spine, LS spine)
Mammography (x-ray)
Myelogram
Oral Cholecystogram
Pelvimetry
Pelvis (x-ray)
Ribs (x-ray)
Sacral Spine (x-ray)
Scoliosis Series
Shoulder (x-ray)
Skeletal survey
Soft Tissue (x-ray)
Sternal (x-ray)
Thoracic Spine (x-ray) (T spine)
Tomogram of chest
Tibia (x-ray)
UGI and Small Bowel Follow-through
(upper gastrointestinal series)
Voiding Cystourethrogram
Video Esophagrams/Swallow Studies

Nuclear

131 Iodine Neck & Chest Scan
Blood Volume (whole blood)
Bone Scan
Captopril Renography
Cerebral Flow and Brain Scan
Cystogram
Diuretic Renography
Gallbladder Scan
Gallium Scan
Gastric Emptying W/WO Reglan
GE Reflux Study
IV CCK
Liver-Spleen Scan
Lung Ratios
Meckel's Scan
Persantine Thallium Cardiac Scan
Radionuclide Venography
Radionuclide Ventriculography (MUGA
scan)
Renal GFR
Renal Scan with Flow
Renal Transplant Scan
Resting Thallium Myocardial Scan
Salivary Gland Imaging
Schilling Test
Stress Isonitrite Myocardial Scan

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Stress Thallium Myocardial Scan
Tagged Red Blood Cell Scan
Technetium Pyrophosphate Scan
Testicular Scan
Thyroid Uptake and Scan
TRH Stimulation Test
Ventilation-Perfusion (VQ) Lung Scan

Ultrasound

Abdomen (Ultrasound)
Biliary Tract (Ultrasound)
Biophysical Profile
Breast (Ultrasound)
Carotid
Doppler Blood Flow, Arterial
Duplex Color Flow
Extremity (Ultrasound)
Heart (cardiac ECHO)
Kidney (Ultrasound)
Pancreas (Ultrasound)
Pelvis (Ultrasound)
Testes (Ultrasound)
Thyroid
Transesophageal Echocardiogram (TEE)
Trans-rectal Ultrasound of Prostate
Trans-vaginal Ultrasound
Uterus
Venous Duplex Ultrasound (Doppler Studies)

CT

Abdomen (CT scan)
Arm (CT scan)
Chest (CT scan - High resolution)
Chest (CT scan - spiral with PE protocol)
Chest (CT scan - standard)
Head (CT scan)
Leg (CT scan)
Neck (CT scan)
Orbital (face) (CT scan)
Pelvis (CT scan)
Temporal Bone (CT scan)
Vertebrae - Cervical
Vertebrae - Lumbar (CT scan)
Vertebrae - Thoracic (CT scan)

MRI

Abdomen (MRI)
Arm (MRI)

Cervical (MRI)
Chest (MRI)
Circle of Willis (MRA)
Head (MRI)
Leg (MRI)
Neck (MRA)
Neck (MRI)
Orbital (face) (MRI)
Pelvis (MRI)
Vertebrae - Lumbar (MRI)
Vertebrae - Thoracic (MRI)

Special Procedures

Abdominal Aortic and Iliofemoral
Angiogram
Amniocentesis
Angiogram, Upper Extremity
Angiogram, Lower Extremity
Aortic Angiogram (Thoracic)
Balloon Dilation of Prostate
Bronchogram
Bronchoscopy
Carotid Angiogram
Celiac Artery Angiogram
Cerebral Angiogram
Endoscopic Retrograde Cholangio
Pancreatogram (ERCP)
HIDA Scan With CCK
Lymphangiogram
Mammography (x-ray)
Mesenteric Angiogram
Myelogram
Percutaneous Transhepatic Cholangiogram
(PTC)
Pulmonary Angiogram
Renal Angiogram/Arteriogram
Renal Arteriogram
Retrograde Cystourethrogram
Retrograde Pyelography
Sinogram of Parotids
Venogram
Ventriculogram
Vertebral Angiogram (cervical)

Cardiovascular

Ankle-brachial Indices (ABI)
Aorto-viseral Duplex Exam
Cardiac Catheterization
Central Venous Pressure
Coronary Angiogram

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Doppler Studies
Echocardiogram (Echo)
EKG with Rhythm Strip
Electrophysiology Study
Event Monitor
Holter Arrhythmia Monitor
Limb Plethysmography
Rhythm Strip
Swan-Ganz (Pulmonary artery balloon catheter)
Cardiac Treadmill Stress Test
Walking Treadmill Stress Test for PVD

Gastrointestinal

Anoscopy
Colonoscopy
D-Xylose Absorption
Duodenal Drainage
Endoscopic Retrograde Cholangio
Pancreatogram (ERCP)
Esophageal Manometry
Esophagogastroduodenoscopy (EGD)
Gastric Acid Analysis
Pancreatic Function Test
pH Probe
Secretin Test
Sigmoidoscopy

Electrodiagnosis

Brainstem Evoked Response
Cystometry and Flow Studies
Electroencephalogram (EEG)
Electromyogram (EMG)
Evoked Potentials
Nerve Conduction Velocity (NCV)
Non-Stress Test
Oxytocin Challenge Test
Urodynamic Studies
Visual Evoked Responses

Other

Abdominal Laparotomy
Arthrocentesis
Arthroscopy
Aspiration Biopsy of the Pancreas
Audiometry (audiogram)
Biophysical Profile
Biopsy- Bone
Biopsy- Brain

Biopsy- Breast (Core)
Biopsy- Breast (stereotactic)
Biopsy- Bronchial
Biopsy- Cervical
Biopsy- Colon
Biopsy- Endometrium
Biopsy- Esophageal
Biopsy- Gastric, with Rapid Urease Test for H. pylori
Biopsy- Groin
Biopsy- Kidney
Biopsy- Liver
Biopsy- Lung
Biopsy- Lymph Node (excisional)
Biopsy- Mouth
Biopsy- Muscle
Biopsy- Nasal/Sinus
Biopsy- Pleura
Biopsy- Prostate
Biopsy- Rectal
Biopsy- Skin
Biopsy- Small Bowel
Biopsy- Stomach
Biopsy- Temporal Artery
Biopsy- Thyroid
Biopsy and Aspirate- Bone Marrow
Breath Hydrogen Test
Bronchial Washings Cytology
Bronchoscopy
CRH Stimulation Test
Cell Count (synovial fluid)
Colposcopy
Crystal Identification by Polarizing Microscopy, Synovial Fluid
Culdoscopy
Cystoscopy
Depression Inventory Score
Diagnostic (explorative) Surgery
Dilation and Curettage of Uterus, D&C of Uterus
Direct Laryngoscopy, Indirect
Laryngoscopy
Edrophonium Chloride (tensilon) Test
Eye Chart and/or Tangent Screen
Hysteroscopy
Inferior Petrosal Sinus ACTH Sampling
Laparoscopy
Mediastinoscopy
Nasal Smear for Eosinophils
Non-Stress Test
Papanicolaou (Pap) Smear
Paracentesis

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Peak Flow Meter	Spirometry (PFT)
Pliethysmograph	Sputum Cytology
Postcoital Test	Sweat Chloride Test
Post Void Residual Urine	TRH Stimulation Test
Psychometric Testing	Tensilon Test
Pulmonary Ergometry	Thoracentesis
Pulmonary Function Studies (spirometry) (PFT)	Thorascopic Examination
Pulse Oximetry	Tonometry
Renal Vein Renin	Tympanograms
Schilling Test	Urea Breath Test for H. pylori
Schirmer's Test	Viscosity, Blood
Semen Analysis	Visual Fields and Acuity
Sleep Studies	Water Deprivation Test
Slit Lamp	