

JAN

Job Accommodation Network

Practical Solutions • Workplace Success

Accommodation and Compliance Series

Accommodation and Compliance Series: Lyme Disease

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ODEP

Office of Disability
Employment Policy

Funded by a contract with the Office of Disability
Employment Policy, U.S. Department of Labor

Preface

The Job Accommodation Network (JAN) is funded by a grant from the Office of Disability Employment Policy, U.S. Department of Labor. JAN makes documents available with the understanding that the information be used solely for educational purposes. The information is not intended to be legal or medical advice. If legal or medical advice is needed, appropriate legal or medical services should be contacted.

JAN does not endorse or recommend any products or services mentioned in this publication. Although every effort is made to update resources, JAN encourages contacting product manufacturers/vendors and service providers directly to ensure that they meet the intended purposes. This guarantees that the most up-to-date information is obtained.

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Updated 02/07/2024.

JAN'S Accommodation and Compliance Series

Introduction

JAN's Accommodation and Compliance Series is designed to help employers determine effective accommodations and comply with Title I of the Americans with Disabilities Act (ADA). Each publication in the series addresses a specific medical condition and provides information about the condition, ADA information, accommodation ideas, and resources for additional information.

The Accommodation and Compliance Series is a starting point in the accommodation process and may not address every situation. Accommodations should be made on a case by case basis, considering each employee's individual limitations and accommodation needs. Employers are encouraged to contact JAN to discuss specific situations in more detail.

For information on assistive technology and other accommodation ideas, visit JAN's Searchable Online Accommodation Resource (SOAR) at <https://AskJAN.org/soar>.

Information about Lyme Disease

Lyme disease is caused by the bacterium *Borrelia burgdorferi*, which are transmitted to humans by the bite of infected deer ticks. Lyme disease is associated with a "bull's-eye" rash and/or lesion called erythema migrans. Other nonspecific symptoms include fever, malaise, fatigue, headache, and muscle and joint aches. Later symptoms of Lyme disease can include chronic pain, arthritis, meningitis, tingling and burning sensations in the extremities, Bell's palsy, chronic fatigue, depression, and heart, vision, respiratory, and gastrointestinal-related problems.

Lyme Disease and the Americans with Disabilities Act

The ADA does not contain a definitive list of medical conditions that constitute disabilities. Instead, the ADA defines a person with a disability as someone who (1) has a physical or mental impairment that substantially limits one or more "major life activities," (2) has a record of such an impairment, or (3) is regarded as having such an impairment. For more information about how to determine whether a person has a disability under the ADA, see [How to Determine Whether a Person Has a Disability under the Americans with Disabilities Act Amendments Act \(ADAAA\)](#).

Accommodating Employees with Lyme Disease

People with Lyme disease may develop some of the limitations discussed below, but seldom develop all of them. Also, the degree of limitation will vary among individuals. Be

aware that not all people with Lyme disease will need accommodations to perform their jobs and many others may only need a few accommodations. The following is only a sample of the possibilities available. Numerous other accommodation solutions may exist.

Questions to Consider:

1. What limitations is the employee experiencing?
2. How do these limitations affect the employee and the employee's job performance?
3. What specific job tasks are problematic as a result of these limitations?
4. What accommodations are available to reduce or eliminate these problems? Are all possible resources being used to determine possible accommodations?
5. Once accommodations are in place, would it be useful to meet with the employee to evaluate the effectiveness of the accommodations and to determine whether additional accommodations are needed?
6. Do supervisory personnel and employees need training?

Accommodation Ideas:

Limitations

Decreased Stamina/Fatigue

- Accessories for Scooters
- Aide/Assistant/Attendant
- All-Terrain Scooters
- Anti-fatigue Matting
- Elevating Wheelchairs
- Ergonomic and Pneumatic Tools
- Ergonomic Assessments
- Ergonomic Equipment
- Examination and Procedures Chair
- Flexible Schedule
- Head Support for Wheelchairs
- Job Restructuring
- Low Task Chair

- Mechanic's Seats and Creepers
- Multi-Purpose Carts
- Periodic Rest Breaks
- Scooters
- Stand-lean Stools
- Stools for Cutting Hair
- Telework, Work from Home, Working Remotely
- Walkers
- Wearable Anti-fatigue Matting
- Wheelchair Accessible Scales
- Wheelchair Mounts
- Wheelchairs
- Worksite Redesign / Modified Workspace

Overall Body Weakness/Strength

- Move Items/People
 - Animal Lift Tables
 - Battery Powered Lift Tables
 - Compact Material Handling
 - Lift Tables
 - Linen Carts
 - Multi-Purpose Carts
 - Patient Lifts (General)
- Other
 - Aide/Assistant/Attendant
 - Fall Protection
 - Modified Break Schedule
 - Periodic Rest Breaks
 - Telework, Work from Home, Working Remotely
- Workspace Access
 - Adjustable and Ergonomic School Desks and Equipment
 - Anti-fatigue Matting

- Elevating Wheelchairs
- Ergonomic and Adjustable Office Chairs
- Foldable / Transport Wheelchairs
- Forearm Support
- Grab Bars
- Independent Living Aids
- Large-Rated Scooters
- Large-Rated Wheelchairs
- Office Chairs with Brakes and Locking Casters
- Personal Safety and Fall Alert Devices
- Personal Transportation and Mobility Products
- Power Assist for Manual Wheelchairs
- Scooters
- Stair Lifts
- Stand-lean Stools
- Stand-up Wheelchairs
- Toileting Aids
- Walkers
- Walkers with Seats
- Wearable Anti-fatigue Matting
- Wheelchairs
- Worksite Redesign / Modified Workspace

Pain

- Accessories for Scooters
- Adjustable Workstations for Industrial Settings
- Adjustable Workstations for Office Settings
- Aide/Assistant/Attendant
- All-Terrain Scooters
- Alternative Input Devices
- Alternative Keyboards
- Alternative Mice

- Anti-fatigue Matting
- Anti-vibration Gloves
- Anti-vibration Seats
- Anti-vibration Tool Wraps
- Automated Filing Systems
- Automatic Door Openers
- Cake Decorating and Baking Equipment
- Carts
- Chairs with Head Support
- Compact Material Handling
- Electronic Organizers
- Environmental Sound Machines / Tinnitus Maskers / White Noise Machines
- Ergonomic and Adjustable Office Chairs
- Ergonomic and Pneumatic Tools
- Ergonomic Assessments
- Ergonomic Equipment
- Examination and Procedures Chair
- Fans
- Flexible Schedule
- Forearm Support
- Gooseneck and Other Telephone Holders
- Hair Scissors
- Head Support for Wheelchairs
- Headsets
- Light Switch Extension Handles
- Low Task Chair
- Mechanic's Seats and Creepers
- Modified Break Schedule
- Pickups, Semis, and Heavy Equipment
- Pipettes

- Professional Organizers
- Scooters
- Scribe/Notetaker
- Service Animal
- Speech Recognition Software
- Spring-Loaded Carts
- Stand-lean Stools
- Stools for Cutting Hair
- Strobe Lights
- Supine Workstations
- Talking Bar Code Scanner/Reader
- Talking Money Identifier
- Telescoping Cameras
- Telework, Work from Home, Working Remotely
- Van Conversion
- Wearable Anti-fatigue Matting
- Wheelchair Accessible Scales
- Wheelchair Carts/Trailers
- Wheelchair Mounts
- Wheelchairs
- Worksite Redesign / Modified Workspace
- Workstation Space Heaters
- Writing Aids

Skin Rash/Blisters/Sores

- Alternative Cleaning Supplies
- Augmentative and Alternative Communication (AAC) Device
- Disability Awareness/Etiquette Training
- Job Restructuring
- Odor Control
- Outgoing Voice Amplification - Telephone
- Policy Modification

- Touchless Faucets
- Voice Amplification

Stress Intolerance

- Apps for Anxiety and Stress
- Behavior Modification Techniques
- Counseling/Therapy
- Environmental Sound Machines / Tinnitus Maskers / White Noise Machines
- Flexible Schedule
- Job Restructuring
- Marginal Functions
- Modified Break Schedule
- Supervisory Methods
- Support Animal
- Support Person

Work-Related Functions

Commute

- Flexible Schedule
- Ridesharing/Carpooling
- Telework, Work from Home, Working Remotely
- Transportation Assistance
- Van Conversion

Parking

- Accessible Parking Space
- Flexible Schedule
- Telework, Work from Home, Working Remotely
- Wheelchairs

Situations and Solutions:

The following situations and solutions are real-life examples of accommodations that were made by JAN customers. Because accommodations are made on a case-by-case basis, these examples may not be effective for every workplace but give you an idea about the types of accommodations that are possible.

A maintenance worker for an apartment complex has been diagnosed with Lyme disease and is experiencing chronic fatigue.

Walking between the apartment buildings greatly drains her energy levels and finds it hard to get through the day. She brings these concerns up to management and they restructure the way work is assigned for the maintenance worker so that she is assigned a certain block of apartments to maintain, rather than the usual method of first come first serve within the entire complex.

An employee with Lyme disease mentions that she experiencing depression symptoms and that they are preventing her from performing at her usual level.

She is still meeting her deadlines, but she has noticed a marked drop in the quality of her work. She discusses the fact that she has an emotional support animal at home that has been trained in how to be non-disruptive when taken out of the home and that she is trained in how to handle the animal. The employer agrees to allow her to bring her emotional support animal into the workplace as an accommodation so long as she maintains control of the animal and that it does not disrupt others who are working.

An applicant discloses that he has Lyme disease and that he needs to be able to manage his stress levels to be able to best manage his disease.

He states that he find situations where he is meeting one on one with a supervisor to be very stressful for him. The employer agrees to allow him to mostly communicate with his supervisor via phone or e-mail, and if an in-person meeting is required, that he will be permitted to have a support person attend the meeting with him.

An employee with Lyme disease mentions that the chronic pain that she experiences makes it difficult for her to type as much as her job requires her to type.

The employer provides her with speech recognition software to allow her to dictate what she would type to the computer which greatly reduced the amount of typing she needed to do each day.

An applicant discloses the fact that he has Lyme disease and because of this experiences migraines.

His migraines are often triggered due to extended exposure to fluorescent lighting. The employer agrees to provide incandescent lighting sources for his workstation and install full spectrum light filters to cover fluorescent lighting fixtures throughout the office to accommodate him.

Products

There are numerous products that can be used to accommodate people with limitations. JAN's Searchable Online Accommodation Resource at <https://AskJAN.org/soar> is designed to let users explore various accommodation options. Many product vendor lists are accessible through this system; however, JAN provides these lists and many more that are not available on the Web site upon request. Contact JAN directly if you have specific accommodation situations, are looking for products, need vendor information, or are seeking a referral.

Resources

Job Accommodation Network

West Virginia University
PO Box 6080
Morgantown, WV 26506-6080
Toll Free: (800) 526-7234
TTY: (304) 293-7186
Fax: (304) 293-5407
jan@askjan.org
<https://askjan.org>

The Job Accommodation Network (JAN) is a free consulting service that provides information about job accommodations, the Americans with Disabilities Act (ADA), and the employability of people with disabilities.

Office of Disability Employment Policy

200 Constitution Avenue,
NW, Room S-1303
Washington, DC 20210
Toll Free: (866) 633-7365
odep@dol.gov
<https://www.dol.gov/agencies/odep>

The Office of Disability Employment Policy (ODEP) is an agency within the U.S. Department of Labor. ODEP provides national leadership to increase employment opportunities for adults and youth with disabilities while striving to eliminate barriers to employment.

American Chronic Pain Association

P.O. Box 850
Rocklin, CA 95677-0850
Toll Free: (800) 533-3231
Fax: (916) 632-3208
ACPA@theacpa.org
<http://www.theacpa.org>

The purpose of the American Chronic Pain Association is to facilitate peer support and education for individuals with chronic pain and their families so that these individuals may live more fully in spite of their pain.

American Lyme Disease Foundation, Inc.

P.O. Box 466
Lyme, CT 06371
questions@aldf.com
<http://www.aldf.com/>

The Foundation works to help people make wise healthcare decisions by providing key information on Lyme disease and other tick-borne infections to the public and medical community. Particular emphasis is placed on the importance of prevention and early intervention in avoiding complicated, expensive and potentially debilitating long-term illness.

Arthritis Foundation

1330 W. Peachtree Street
Suite 100
Atlanta, GA 30309
Direct: (404) 872-7100
<http://www.arthritis.org>

The Arthritis Foundation is committed to raising awareness and reducing the unacceptable impact of arthritis, a disease which must be taken as seriously as other chronic diseases because of its devastating consequences. The Arthritis Foundation is leading the way to conquer the nation's leading cause of disability through increased education, outreach, research, advocacy and other vital programs and services.

Centers for Disease Control and Prevention

1600 Clifton Rd
Atlanta, GA 30333
Toll Free: (800) 232-4636
<https://www.cdc.gov/>

The Centers for Disease Control and Prevention are dedicated to protecting the health and safety of people - at home and abroad, providing credible information to enhance health decisions, and promoting health through strong partnerships.

Christopher & Dana Reeve Foundation

636 Morris Turnpike

Suite 3A

Short Hills, NJ 07078

Toll Free: (800) 225-0292

Direct: (973) 379-2690

TeamReeve@ChristopherReeve.org

http://www.christopherreeve.org/site/c.ddJFKRNoFiG/b.4048063/k.67BA/The_Christopher_amp_Dana_Reeve_Foundation_Paralysis_amp_Spinal_Cord_Injury.htm

The Reeve Foundation is dedicated to curing spinal cord injury by funding innovative research, and improving the quality of life for people living with paralysis through grants, information and advocacy.

Genetic and Rare Diseases Information Center (GARD)

P.O. Box 8126

Gaithersburg, MD 20898-8126

Toll Free: (888) 205-2311

Fax: (301) 251-4911

<https://rarediseases.info.nih.gov/>

The Genetic and Rare Diseases (GARD) Information Center is a program of the National Center for Advancing Translational Sciences (NCATS) and funded by two parts of the National Institutes of Health (NIH): NCATS and the National Human Genome Research Institute (NHGRI). GARD provides the public with access to current, reliable, and easy to understand information about rare or genetic diseases in English or Spanish.

Hyperacusis Network

4417 Anapaula Lane
Green Bay, WI 54311
Direct: (920) 866-3377
earhelp@yahoo.com
<http://www.hyperacusis.net/>

Support group established to care for individuals with collapsed tolerance to sound (hyperacusis). Educate the medical community and families about this rare auditory disorder by sharing ways to cope, providing advice on how to secure disability assistance, and reporting on current research and treatment options.

International Lyme and Associated Diseases Society

PO Box 341461
Bethesda, MD 20827
Direct: (301) 263-1080
Fax: (301) 560-5799
contact@ilads.org
<http://www.ilads.org/>

ILADS is a nonprofit, international, multi-disciplinary medical society, dedicated to the diagnosis and appropriate treatment of Lyme and its associated diseases. ILADS promotes understanding of Lyme through research and education and strongly supports physicians and other health care professionals dedicated to advancing the standard of care for Lyme and its associated diseases.

Invisible Disabilities Association

P.O. Box 4067
Parker, CO 80134
<http://invisibledisabilities.org/>

The Invisible Disabilities Association (IDA) encourages, educates and connects people and organizations touched by illness, pain and disability around the globe. Formerly known as The Invisible Disabilities Advocate, IDA was founded in 1996 and incorporated in 2004 as a 501(c)(3) non-profit

Lyme Disease Association, Inc.

PO Box 1438

Jackson, NJ 08527

Toll Free: (888) 366-6611

Direct: (732) 938-7215

LDA@LymeDiseaseAssociation.org

<http://lymediseaseassociation.org/>

The Lyme Disease Association, Inc. (LDA) has been granted 501(c)(3) non-profit status by the IRS. Its mission is promoting awareness of and controlling the spread of Lyme and other tick-borne diseases (TBD) and their complications through education and other means; raising and distributing funds for Lyme and tick-borne diseases (TBD) research, education and other related Lyme and TBD issues; assisting underprivileged patients in connection with Lyme and other TBD.

Lyme Research Alliance

2001 West Main Street

Suite 280

Stamford, CT 06902

Direct: (203) 969-1333

info@lymeresearchalliance.org

<http://www.lymeresearchalliance.org/>

Lyme Research Alliance funds cutting-edge research into Lyme and other tick-borne diseases.

Mayo Clinic

13400 E. Shea Blvd.

Scottsdale, AZ 85259

Direct: (480) 301-8000

<http://www.mayoclinic.org/>

The Mayo Clinic's mission to inspire hope and contribute to health and well-being by providing the best care to every patient through integrated clinical practice, education and research.

MedlinePlus

8600 Rockville Pike
Bethesda, MD 20894
custserv@nlm.nih.gov
<https://medlineplus.gov>

MedlinePlus is the National Institutes of Health's Web site for patients and their families and friends. Produced by the National Library of Medicine, the world's largest medical library, it brings you information about diseases, conditions, and wellness issues in language you can understand. MedlinePlus offers reliable, up-to-date health information, anytime, anywhere, for free.

National Center for Biotechnology Information

8600 Rockville Pike
Bethesda, MD 20894
pubmedcentral@ncbi.nlm.nih.gov
<https://www.ncbi.nlm.nih.gov/>

The National Center for Biotechnology Information advances science and health by providing access to biomedical and genomic information.

National Fibromyalgia & Chronic Pain Association

3857 Birch St. Suite 312
Newport Beach, CA 92660
nfa@fmaware.org
<https://www.fmaware.org/>

The National Fibromyalgia & Chronic Pain Association (NFMCPA) is a 501(c)3 not for profit organization. We support people with chronic pain illnesses and their families and friends by contributing to caring, professional, and community relationships. Through continuing education, networking with support groups and advocates, and affiliation with professional organizations, the members of the NFMCPA have a place to be informed, get involved, and recognize achievements.

National Institute of Allergy and Infectious Diseases

5601 Fishers Lane

MSC 9806

Bethesda, MD 20892-9806

Toll Free: (866) 284-4107

Direct: (301) 496-5717

Fax: (301) 402-3573

ocpostoffice@niaid.nih.gov

<http://www.niaid.nih.gov/Pages/default.aspx>

NIAID conducts and supports basic and applied research to better understand, treat, and ultimately prevent infectious, immunologic, and allergic diseases.

National Institute of Neurological Disorders and Stroke

P.O. Box 5801

Bethesda, MD 20824

Toll Free: (800) 352-9424

Direct: (301) 496-5751

<http://www.ninds.nih.gov>

The NINDS, an agency of the U.S. Federal Government and a component of the National Institutes of Health and the U.S. Public Health Service, is a lead agency for the congressionally designated Decade of the Brain, and the leading supporter of biomedical research on disorders of the brain and nervous system.

National Organization for Rare Disorders

55 Kenosia Avenue

Danbury, CT 06813-1968

Toll Free: (800) 999-6673

Direct: (203) 744-0100

Fax: (203) 263-9938

<http://www.rarediseases.org>

NORD is a unique federation of voluntary health organizations dedicated to helping people with rare "orphan" diseases and assisting the organizations that serve them. NORD is committed to the identification, treatment, and cure of rare disorders through programs of education, advocacy, research, and service.

Remedy's Health Communities

<http://www.healthcommunities.com>

Remedy Health Media is America's fastest growing health information and technology company. We are a leading provider of clinical resources and wellness tools that help millions of patients and caregivers live healthier, more fulfilled lives.

Our mission is to empower patients and caregivers with the information and applications needed to efficiently navigate the healthcare landscape and as a result, to permit better health outcomes through use of our products and services.

The Environmental Illness Resource

162 Bramham Drive

Oakdale Court

Harrogate, North Yorkshire, England HG3 2-2UB

Toll Free: (441) 423-528055

support@ei-resource.org

<http://www.ei-resource.org/>

The Environmental Illness Resource seeks to provide those with environmental illnesses with information of the highest quality in the hope that this will lead to improved quality of life and perhaps even recovery of good health. In addition, to provide a free and open online community in which members may exchange information between themselves and support each other in their healing journeys.

The Foundation for Peripheral Neuropathy

485 Half Day Road

Suite 350

Buffalo Grove, IL 60089

Toll Free: (877) 883-9942

Fax: (847) 883-9960

info@tffpn.org

<https://www.foundationforpn.org/>

The Foundation for Peripheral Neuropathy is a Public Charity committed to fostering collaboration among today's most gifted and dedicated neuroscientists and physicians. These specialists from around the country will help us maintain a comprehensive view of the field and determine the research areas that hold the most promise in neuropathy research and treatment to develop new and effective therapies that can reverse, reduce and one day eliminate Peripheral Neuropathy. It is our ultimate goal to utilize every means and opportunity to dramatically improve the lives of those living with this painful and debilitating disorder.

World Health Organization

525 Twenty-third Street
N.W.

Washington, DC 20037

Direct: (202) 974-3000

Fax: (202) 974-3663

<http://www.who.int/en/>

We are the directing and coordinating authority on international health within the United Nations' system.

This document was developed by the Job Accommodation Network (JAN), funded by a grant from the U.S. Department of Labor, Office of Disability Employment Policy (#OD-38028-22-75-4-54). The opinions expressed herein do not necessarily reflect the position or policy of the U.S. Department of Labor. Nor does mention of tradenames, commercial products, or organizations imply endorsement by the U.S. Department of Labor.