Welcome

At this and all NFPA events we are concerned with your safety

If the fire alarm sounds, please egress the building
There's No Place Like Home

Home is the nicest word there is.

Laura Ingalls Wilder

Home is where the heart is.

Pliny the Elder

There is nothing like staying at home for real comfort.

Jane Austen
Program and Agenda for the Day

Trends
Tools
When the Hospital Comes Home
Educational Resources
Regulatory Side
Lets Figure it Out
## Durable Medical Equipment

<table>
<thead>
<tr>
<th>Equipment name/type</th>
<th>Coverage Status</th>
<th>Reference NCD or RP</th>
<th>Potential Coding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Cleaners</td>
<td>Deny - environmental control equipment; not primarily medical in nature (§1861(n) of the Act).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Conditioners</td>
<td>Deny - environmental control equipment; not primarily medical in nature (§1861(n) of the Act).</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air-Fluidized Beds</td>
<td>(See Air-Fluidized Beds, §280.8 of the NCD Manual.) (Pressure Reducing Support Surfaces RP-AIR06012011RP)</td>
<td>280.8</td>
<td>A9270</td>
</tr>
<tr>
<td>Alternating Pressure Pads, Mattresses and Lambs Wool Pads</td>
<td>Covered if patient has, or is highly susceptible to, decubitus ulcers and the patient’s physician specifies that he/she has specified that he will be supervising the</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audible/Visible Signal/Pacemaker Monitors</td>
<td>(See Self-Contained Pacemaker Monitors.) NCD 20.8.2, NCD 20.8.3</td>
<td>20.8.2, 20.8.3</td>
<td></td>
</tr>
<tr>
<td>Augmentative Communication Devices</td>
<td>(See Speech Generating Devices, §50.1 of the NCD Manual.)</td>
<td>50.1</td>
<td></td>
</tr>
<tr>
<td>Bathtub Lifts</td>
<td>Deny - convenience item; not primarily medical in nature</td>
<td></td>
<td>E0625</td>
</tr>
<tr>
<td>Bathtub Seats</td>
<td>Deny - comfort or convenience item; hygienic equipment; not primarily medical in nature (§1861(n) of the Act).</td>
<td></td>
<td>E0240, E0245</td>
</tr>
<tr>
<td>Bead Beds</td>
<td>(See §280.8 of the NCD Manual.)</td>
<td>280.8</td>
<td>A9270</td>
</tr>
<tr>
<td>Bed Baths (home type)</td>
<td>Deny - hygienic equipment; not primarily medical in nature.</td>
<td></td>
<td>A9270</td>
</tr>
<tr>
<td>Bed Lifters (bed elevators)</td>
<td>Deny - not primarily medical in nature (§1861(n) of the Act).</td>
<td></td>
<td>A9270</td>
</tr>
<tr>
<td>Bedboards</td>
<td>Deny - not primarily medical in nature (§1861(n) of the Act).</td>
<td>280.7</td>
<td>E0273, E0274, E0315</td>
</tr>
<tr>
<td>Bed Pans (autoclavable hospital type)</td>
<td>Covered if patient is bed confined.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bed Side Rails</td>
<td>(See Hospital Beds, §280.7 of the NCD Manual.)</td>
<td>280.7</td>
<td>E0273</td>
</tr>
<tr>
<td>Beds-Lounges (power or manual)</td>
<td>Deny - not a hospital bed; comfort or convenience item; not primarily medical in nature (§1861(n) of the Act).</td>
<td></td>
<td>A9270</td>
</tr>
<tr>
<td>Beds (Oscillating)</td>
<td>Deny - institutional equipment; inappropriate for home</td>
<td></td>
<td>E0270</td>
</tr>
<tr>
<td>Bidet Toilet Seats</td>
<td>(See Toilet Seats.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blood Glucose Analyzers (Reflectance Colorimeter)</td>
<td>Deny - unsuitable for home use (see §40.2 of the NCD Manual.)</td>
<td>40.2</td>
<td></td>
</tr>
<tr>
<td>Blood Glucose Monitors</td>
<td>Covered if patient meets certain conditions (see §40.2 of the NCD Manual.)</td>
<td>40.2</td>
<td></td>
</tr>
<tr>
<td>Braille Teaching Texts</td>
<td>Deny - educational equipment; not primarily medical in</td>
<td></td>
<td>A9270</td>
</tr>
<tr>
<td>Canes</td>
<td>Covered if patient meets Mobility Assistive Equipment</td>
<td>280.3</td>
<td>A4636</td>
</tr>
</tbody>
</table>
Promoting Transition from Hospital to Home

The Pediatric Home Ventilator Program at Cincinnati Children's is dedicated to supporting the care of children with diseases that require chronic mechanical ventilation. Our goal is to safely and seamlessly transition children from the hospital to the home, improving quality of life for both your child and your family.
Who Ya Gonna Call-Ghostbusters

“What we’re doing is filling a gap in health care that is growing disproportionately between patient physicians, home care and hospitals,”

Dale Berry, Chief Executive of Huron Valley Ambulance

-Typical ambulance run to the hospital: $700.
-Community paramedics visit: $180.
-Avoiding trip to ER: $2,500 (Savings-ambulance transport, hospital, physician fees, lab tests)
-Staying home: Priceless
We will figure it out because...
Codes, Standards and the Regulatory Picture

What Do We Regulate and How Do We Regulate it?

- Medical Equipment and Systems-NFPA 99
- Occupancies-NFPA 101
- First Responder Efforts
- Federal Programs: HHS/CMS
- Accreditation Programs: TJC, DNV, HFAP
- AAMI, ASHRAE
- SHAs
- Local/state regulations
Some Current Challenges

• *Residential Board and Care
  – Age independent
  – Blends a mix of independence and personal care services (ADLA)
  – 24 hour staffing
  – Licensed as assisted living, group home, ICF/IID

• *Long Term/Nursing Home Care
  – Age independent
  – Not chronic medical care
  – 24 hour staffing
  – Licensed as skilled nursing, nursing home, long term care

• **“Senior Apartments” or “Senior Living”
  – Generally over the age of 55 or over 62
  – Generally no expectation on mobility, cognitive or other self preservation skills

* Easy to address
** Not so easy to address
Senior Apartments/ Senior Living Challenge

Codes Say

- Apartments
- Not a special category
- No special requirements
Five Dead in Senior-Living Apartment Building Fire, 10 Hospitalized
One Killed and Dozens Displaced in Retirement Apartment Fire - AL

90 displaced after fire at downtown Birmingham retirement community
Senior Apartments/ Senior Living Challenge-Past, Present, Future

101-256

LIFE SAFETY CODE
1981

18-1.3 Definitions.
18-1.3.1 Terms applicable to this chapter are defined in Chapter 3 of this Code; where necessary, other terms will be defined in the text as they may occur.

Apartment Buildings. Includes buildings containing three or more living units with independent cooking and bathroom facilities, whether designated as apartment house, tenement, garden apartment, or by any other name.

Apartments for the Elderly. An apartment building specifically designed for housing elderly individuals who are capable of self-preservation.
New Rules Unpopular with Many

Special Provisions Removed from 1985 Code

101- 395 - (18-3.4.1.2 and 19-3.4.1.2): Accept in Principle
SUBMITTER: Laurence F. Lane, American Assoc. of Homes for the Aging
RECOMMENDATION: Delete "apartments for the elderly in"
SUBSTANTIATION: This requirement is a good one and should have general application rather than being limited to apartments for the elderly. Various at-risk populations residing in conventional apartment buildings would benefit from the opportunity to react to a fire situation sooner.
Status Quo 1985-2014: 2015 and Beyond

Recent Life Safety Code Committee Actions:

- 2014/2015: TC on Residential Occupancies
  - Apartments for the Elderly Task Group Report

- Challenges
  - Existing buildings/age in place/NORCs?
  - Age threshold-or age plus mobility?
  - Age independent-in home care with DME?
  - Multifamily and single family?
Status Quo 1985-2014: 2015 and Beyond

Recent Life Safety Code Committee Actions:

• Next Steps
  • Different view in 2015/2016 from stakeholders?
  • What do we hear on NOV 4, 2015?
  • Data collection
    • When is an apartment fire an senior apartment fire?
  • What are state/locals doing?
Home Health Care Guidance/Regulations

Portable medical oxygen in the home has grown over the past decade. Medical oxygen adds a higher percentage of oxygen to the air a patient uses to breathe. Fire needs oxygen to burn. If a fire should start in an oxygen-enriched area, the material burning will burn more quickly.

Homes where medical oxygen is used need specific fire safety rules to keep people safe from fire and burns.

SAFETY TIPS

- There is no safe way to smoke in the home when oxygen is in use. A patient on oxygen should not smoke.
- Candles, matches, wood stoves and even sparking toys, can be ignition sources and should not be used in the home.
- Keep oxygen cylinders at least five feet from a heat source, open flames or electrical devices.
- Body oil, hand lotion and items containing oil and grease can easily ignite. Keep oil and grease away where oxygen is in use.
- Never use aerosol sprays containing combustible materials near the oxygen.

FACTS

- Oxygen saturates fabric covered furniture, clothing, hair and bedding, making it easier for a fire to start and spread.
- Smoking materials is the leading heat source resulting in medical oxygen related fires, injuries and deaths.

No Smoking and No Open Flames signs in and outside the home to remind people not to smoke.

Name of Organization
Contact Information
NFPA 99 – Current Regulations

Chapter 6: Electrical Systems

Chapter 10: Electrical Equipment

Chapter 11: Gas Equipment

Chapter 12: Emergency Management
1.3 Application.

1.3.1 This code shall apply to all health care facilities other than home care and veterinary care.

3.3.68 Health Care Facilities. Buildings (equipment) provides in residential occupancies which human medical, dental, psychiatric, nursing, obstetrical, or surgical care is provided.
Questions