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Teaching an Integrated Approach to Hoof Health

## Technical Hoof Trimming Course Topics and Reference Materials

### Lameness & Managing Hoof Health

- Slides handout:* Lameness Prevalence and Losses, Karl Burgi
- Slides handout:* Lameness Prevention Guidelines, Karl Burgi
- Slides handout:* Why Cows Get Lamé and Stay Lamé, Karl Burgi
- Lameness Cycle, Karl Burgi
- Maintenance Trimming: Why, When and How, Karl Burgi
- A Hoof Health Game Plan for a New Decade, Karl Burgi
- Guidelines For a Successful Hoof Health Program, Karl Burgi
- Raise Heifers with Healthy Hooves, Karl Burgi
- Is Any Trimming Better than None?, Karl Burgi
- Prepare Cows' Feet In May and June for Summer's Heat, Karl Burgi
- The Effect of Heat Stress and Lameness on Time Budgets of Lactating Dairy Cows, N. Cook, R. Mentink, T. Bennet and K. Burgi
- Dairy Cattle Lameness: Causes and Effects, Karl Burgi

### Anatomy & Biomechanics

- Bovine Skeleton
- Bovine Skeleton Joints
- Slides handout:* Lower Leg Anatomy, Karl Burgi
- Slides handout:* Bovine Biomechanics, Karl Burgi
- Bovine Biomechanics, Karl Burgi

### Functional & Therapeutic Hoof Trimming

- Slides handout:* Functional and Therapeutic Hoof Trimming, Karl Burgi
- Slides handout:* Functional and Therapeutic Hoof Trimming: The Five Steps, Karl Burgi
- 7-TRIM RULE™ Guidelines, Karl Burgi
- Step 1 through 5 of Functional Hoof Trimming
- Functional Hoof Trimming Summary, Karl Burgi
- Slides handout:* Applying Blocks, Karl Burgi
- Hoof Care: Keep the Corium Happy, Steven Berry
- Balance: An Important Aspect of Functional Trimming, Karl Burgi
- Use Visual Marks Plus Measurements to Balance Claws, Edward Spencer
- Multiple Reasons for Short Claws and Thin Soles, Karl Burgi
- Change Your Trimming Technique to Reduce Toe Curls, Karl Burgi
- abc Foot Record Form

### Claw Horn Diseases

- A Visual Guide to Scoring Lesions of the Claw Using a Modified abc Lesion Scoring System, Karl Burgi and Nigel Cook

Bovine Hoof Lesion Identification and Severity Score Sheet, for use with the ABC Lesion Scoring System, Karl Burgi and Nigel Cook  
Description and Diagnosis of Superficial Digital Lesions in Dairy Cattle, Roger Blowey  
Preventing and Treating Diseases of the Bovine Foot, Christer Bergsten  
Sole Ulcers: Pathogenesis, Identification and Treatment, Roger Blowey  
Understanding Corns, Karl Burgi

### **Infectious Diseases**

Immunity: Why Some Herds are Prone to Infectious Claw Diseases, D. Tomlinson, M. Socha, J. DeFrain, K. Burgi  
Etiology, Treatment and Prospects for Vaccination Against (Papillomatous) Digital Dermatitis, S. Berry, D. Read and R. Walker and D. Hird  
Foot Rot: Interdigital Necrobacillosis, Roger Blowey  
Interdigital Necrobacillosis, Dave Olson

### **Laminitis**

The Three Phases of Bovine Laminitis, Steven Berry  
The Essential but Vulnerable White Line, Edward Spencer  
Help Clients Identify Laminitis Risk Factors and Avoid Them, Steven Berry

### **Treatments**

Hoof Diseases: Causes, Prevention and Treatment, Karl Burgi  
Arthrodesis: Surgically Fusing a Joint, Barry Kleppe  
Arthrodesis, Paul Greenough and R. David Weaver  
What Hoof Trimmers Need to Know About Drugs, Barry Kleppe  
Chemical Burns from Digital Dermatitis Treatment, Karl Burgi

### **Footbath Management**

Managing a Footbath Successfully, Karl Burgi  
Footbath Alternatives, Nigel Cook  
Formaldehyde (Formalin) Footbaths, Jan Shearer  
Effective Footbath Programs For Dairy Cows, Vigortone®  
Foot Baths Key Points, Zinpro Corporation  
Foot Bath Booster, Dairy Solutions Inc.  
Nox-Wartz, Dairy Solutions Inc.

### **Nutrition & Dairy Facilities**

*Slides handout:* Practical Nutrition and Cow Comfort Recommendations for Sound Foot Health, Jim Barmore  
Dimensions and Design Tips for Freestalls, Nigel Cook  
A Flowchart for Evaluating Dairy Cow Freestalls, Ken Nordlund and Nigel Cook  
Benefits of Rubber Flooring, Karl Burgi  
Cow Handling  
Custom Bullfloat for Grooving Wet Concrete, Karl Burgi  
AGRI-TRAC Concrete Floor Texturizing

### **Small Business Management**

Tax Tips for Self-employed, Tim Moy  
Starting a Home Business from A To Z, Wisconsin Small Business Development Center  
Checklist for Going into Business, Wisconsin Small Business Development Center

**Trimming Tools & Supplies & Equipment**

Hoof Knife Sharpening, Karl Burgi  
HOOF-it® Technologies Blocking Products  
Animart Catalog

**Networking and Support**

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