

Status Report on Approved Iowa Telepharmacy Locations

February 13, 2014

<u>Company Name/Pharmacist</u>	<u>Sites</u>	<u>Status</u>
Thompson & Thompson Long Term Care Pharmacy Todd Thompson, R.Ph. Washington, IA	(1) Victor Drug, Victor, IA (2) West Liberty Pharmacy, West Liberty, IA (3) Brooklyn Pharmacy, Brooklyn, IA	Victor Drug was the first telepharmacy site in Iowa (Sept. 26, 2012) All three sites are currently operational In the 3 rd QTR of 2013, these sites filled a total of 16,529 prescriptions In the 4 th QTR of 2013, these sites filled a total of 13,903 prescriptions
NuCara Pharmacy Brett Barker, R.Ph. Nevada, IA	Zearing, IA	This site became operational on March 18, 2013 In the 2 nd QTR of 2013, this site filled 797 prescriptions In the 3 rd QTR of 2013, it filled 1,171 prescriptions In the 4 th QTR of 2013, it filled 1,832 prescriptions
NuCara Management Group Brett Barker, R.Ph. Conrad, IA	Lenox, IA (proposed as a hybrid model)	Not operational--to be withdrawn

Iowa Telepharmacy Task Force--2014
Goals and Objectives

1. Review telepharmacy laws and rules in other states.
2. Review and evaluate waiver and pilot project results in Iowa:
 - Frequency of medication dispensing errors
 - Types of medication dispensing errors
 - Impact of errors on patients
 - Patient privacy
 - Security of drugs and patient information
 - Role of pharmacy technicians
 - Technology issues
3. Receive additional input from pharmacies, prescribers and patients.
4. Examine the needs of patients in rural Iowa and underserved areas.
5. Review and evaluate existing and new telepharmacy technologies.
6. Develop minimum standards for telepharmacy practice in community settings, inpatient/institutional applications, and specialty practices such as oncology.
7. Identify and promote "best practices" for telepharmacy practice.
8. Develop guiding principles to guide rulemaking.

Joint Position Statement on Telepharmacy in Iowa

January 2014

Iowa pharmacy stakeholders, including the Iowa Pharmacy Association, the Iowa Board of Pharmacy, the University of Iowa College of Pharmacy and Drake University College of Pharmacy and Health Sciences, release the following position statement on telepharmacy:

1. The Iowa Pharmacy Association has adopted policies on telepharmacy practice and the Iowa Board of Pharmacy has adopted administrative rules which currently allow telepharmacy in both hospital and community practice settings.
2. The Iowa Board of Pharmacy has granted waivers of current telepharmacy rules to sites which provide medications without the use of automated medication distribution systems.
3. The Iowa Board of Pharmacy has granted pilot projects to additional sites to further explore and study other applications of telepharmacy.
4. Waivers and pilot projects will continue under the purview of the Board and data from these sites performing telepharmacy services will be collected and analyzed.
5. The waivers and pilot projects are providing valuable information on medication access and patient safety in alternative drug delivery models.
6. The waivers and pilot projects will proceed over the next few years and allow the profession to develop "best practices" for telepharmacy.
7. The Iowa Pharmacy Association and the Iowa Board of Pharmacy have established an ongoing task force to develop standards for the practice of telepharmacy in Iowa.
8. The telepharmacy task force will review the results of the waivers and pilot projects and will develop guiding principles to direct future rule making and legislative efforts.
9. The practice of telepharmacy presents both opportunities and risks for patients in Iowa. A thoughtful and deliberative process is needed to maximize patient safety and to allow appropriate medication access in all practice settings, while maintaining the integral role of the pharmacist in the health care delivery system.

Todd Thompson

- Co-owner Brooklyn Pharmacy, Victor Drug, West Liberty Pharmacy, Reliant Long-Term Care Pharmacy
- 3 pilot projects for telepharmacy

Brett Barker

- Vice President at NuCara Pharmacy
- Led project to start and operate Zearing Pharmacy (telepharmacy)

Sam Zoske

- Owner / Operator Montezuma Pharmacy, Marshalltown Pharmacy

Roby Miller

- CEO and Founder, TelePharm
- Brought telepharmacy to Iowa, Illinois, Indiana and Texas

Pharmacies are the infrastructure for rural Iowa

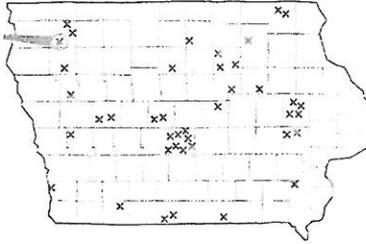
1. A healthcare clinic needs a pharmacy to remain viable
 2. Access to a pharmacy reduces readmission rates by 30%
 3. Access to over-the-counter drugs
 4. Support 4-8 jobs, \$500-\$2m annual economic development
-

Pharmacists provide:

- Keeping patients healthy and out of the hospital
- Improving medication management
- Preventing hospital readmissions
- Preventing disease
- Maintaining cardiovascular health
- Preventing end organ damage
- Medication compliance, adherence
- Therapeutic drug monitoring
- Supportive care

Rural Iowa is losing healthcare infrastructure

41 Iowa pharmacies closed in 2013*



\$37mm lost revenues

205 lost jobs

220,000 underserved residents

*Source: Iowa Pharmacy Association

(2,100 scripts/month - \$10.60/script - 5.95 jobs/pharmacy - 4,770 people/pharmacy)

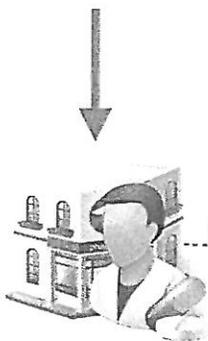
Telepharmacy saves rural pharmacies

Pharmacist:

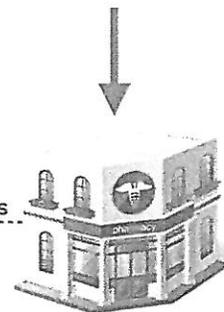
- Verify prescriptions
- Counsel patients

Telepharmacy:

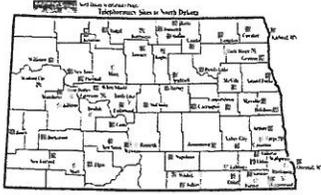
- Full-service pharmacy
- Staffed only with technicians



Share the cost of a pharmacist over multiple stores



Telepharmacy saves rural pharmacies



North Dakota proved it can work.

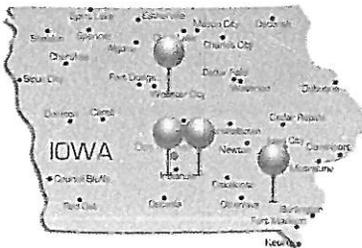
- 87 total telepharmacies
- \$500k+ impact to rural community
- \$37mm to state's rural economy
- 100+ new jobs to rural market



US Telepharmacies

North Dakota	87	South Dakota	15
Iowa	4	Vermont	3
Minnesota	22	Hawaii	2
Texas	7	Wyoming	8
Oregon	2	Montana	13
Idaho	1	Alaska	8
Illinois	8		

Telepharmacy in Iowa



- Opened first Telepharmacy 9/26/12
- 4 current pilot projects operating
- 6 new educated jobs created
- 7 educated jobs restored
- 2 new storefronts for rural communities
- Pharmacy care for 15,000+ Iowa residents





Next Steps for Telepharmacy

1. Update Telepharmacy statute
2. Adopt established other state rules
3. Create jobs and access to pharmacy care
 - 41 pharmacies closed in 2013
 - Telepharmacy will reopen these pharmacies
 - 68 current pharmacies are operating at break-even or less
 - 150+ educated jobs for rural Iowa
 - Pharmacy care for underserved residents

"We hope that this is a trend that will continue, it's an innovative idea that hopefully will catch on and be successful here and be able to be utilized all across our state."

- Governor Terry Branstad

Sept. 26, 2014 Victor Telepharmacy Ribbon Cutting

2013 S-3217, the House Amendment to Senate File 446

TELEPHARMACY

Sec. 83. Section 155A.3, Code 2013, is amended by adding the following new subsection:

NEW SUBSECTION. 40A. "Telepharmacy" means the provision of pharmacy services by a central pharmacy through remote pharmacy locations utilizing technology.

Sec. 84. Section 155A.13, Code 2013, is amended by adding the following new subsection:

NEW SUBSECTION. 12. Notwithstanding any provision of section 147.107, subsection 2, or section 155A.33, to the contrary, the board of pharmacy shall adopt rules and procedures pursuant to chapter 17A for telepharmacy.