

ARIZONA
TELEMEDICINE
PROGRAM



The Business Aspects of Telemedicine and e- Health

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Program Topics

1. Revenue Streams
 - Contracts and Grants
 - Parent Org/Philanthropy
 - Patient Services Reimbursement
 - Service or User Fees
2. Expense Considerations
3. Regulatory Issues



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Revenue Streams

- Contracts and Grants
- Parent Organization Support and Philanthropy
- Billing and Collection Activities
- Service or User Fees



Contracts & Grant Funding

- There are many government contract and grant funding opportunities (see Resources page)
- Usually the candidate needs to submit a sustainability plan to obtain funding
- This ensures the project will continue at the end of the contract or grant period

Parent Organization and Philanthropy

- Some organizations or donors will fund the initiation of a new telemedicine program
 - Must support mission
- The support will probably be time-limited and a sustainability plan will need be developed



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Patient Services Reimbursement

- Clinical needs identified
 - Which technology?
 - Consulting versus ongoing treatment
 - Referring provider & patient expectations
 - Payment/Reimbursement mechanism
 - Block time
 - Fee for Service
 - Protocol for uninsured (?) or denied/non-covered services
- Paying for the network???
 - Is this still an issue?



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Patient Services Reimbursement

- Government Payers – Regulatory mandates apply
 - Medicare – Limited services, Real Time only, rural areas
 - For 2017, New Place Of Service (Telehealth)
 - For 2017 8 new codes in ESRD, Advance care planning, Critical Care Consults
 - For 2017 still no on Observation, ED, Psychological Tests, PT/OT, Speech Path
 - Medicaid – State by state, Arizona covers almost all services
 - Tri-Care – Follows Medicare
 - Veterans Administration – Has its own system and uses telemedicine
- Private Insurance – variable and inconsistent
 - Requesting CBO to give M-Care “a fair shake” and look at their data/VA/M-Caid
- Outdated CPT/HCPCS formula does not align well with TM/TH
- Direct to Consumer/Self Pay



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PPACA

- State exchanges are supposed to cover Telehealth/Telemedicine
- Telemedicine is part of the “alternative payment methods” provision effective 2017
- Telemedicine is part of federal health IT initiatives and gaining bipartisan support in congress and throughout industry

Source: ATA general updates webcast 1/28/14



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Patient Services Reimbursement

- Patient billing and collections are generally not a good primary mechanism to pay for a telemedicine program ...Unless
- It is a closed or capitated clinical environment where significant cost savings can be realizedOR
- Viewed as “Loss Leader”



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Service or User Fees

- Allows the program to distribute fixed expenses
- For every minute the equipment and telecom lines sit idle, the program experiences lost opportunity
- Other uses for network:
 - Education
 - Administrative meetings
 - Business activities, email
 - Clinical Conferences
 - Support groups



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ATP Membership Model

(example of a telemedicine business model)

- Structured after an Application Service Provider (ASP) model
- ATP has initiated several partnerships with independent providers and agencies across the state
- Shared communications infrastructure results in economies of scale

Business Model

Application Service Provider Enterprise

Client Layer

Professional Services Layer

Operational Services Layer

Infrastructure Services Layer

Vendor Services Layer

Membership based

ATP Benefits

- Statewide infrastructure for the Department of Corrections telemedicine program
- Development of major technology transfer program
- Establishment of e-healthcare
- Improved access to specialty medical care for rural population



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Other ATP Membership Benefits

- New healthcare partnerships in state
- Delivery of continuing education to rural health care providers and patient support groups
- University acting as a statewide resource
- Economic development



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Expense Considerations



Expense Considerations

- Fixed and Variable Expenses
 - Personnel
 - Equipment and operations
 - Technology
 - Overhead
- Some expenses could fall into either category AND need to be considered for both the referring and receiving sites
 - As TM continues to become more mobile, expenses will be reduced

Expense Considerations

Personnel – all sites

	<u>Fixed</u>	<u>Variable</u>
• Medical director	X	(NP)*
• Site coordinator	X	(NP)*
• Other clinical	X	X
• Technical	X	X
• Administrative	X	X

*Not Preferred



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Expense Considerations

Equipment and operations – all sites

	<u>Fixed</u>	<u>Variable</u>
• Space cost	X	X
• Network equipment*	X	
• Installation costs*	X	
• User end equipment*	X	
• Transmission costs	X	X
• Supplies (clin,tech,ops)		X
• Travel and training		X

* Non-recurring expense



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Expense Considerations

Technical and Maintenance – all sites

	<u>Fixed</u>	<u>Variable</u>
• Maintenance contracts	X	
• Help Desk	X	X
• Equip refresh fund	X	(NP)
• Other??		

Expense Considerations

Overhead

	<u>Fixed</u>	<u>Variable</u>
• Medical records	X	X
• Billing & Collection	X	X
• Human Resources	X	X
• Contracting	X	X
• Legal and Compliance	X	X
• Malpractice	X	
• Central Administration	X	
• Other ??		

Other Considerations

- Reduced transportation costs
- Improved access to clinical/specialty services
- Convenience for customers and providers
- Referring physicians learn from specialists
- Network availability for other services
 - (As mentioned: education, administration, clin conferences, support groups)
- Value added list
- Expanded market base

Regulatory

Hospital Privileging

- “Medicare requirements remove barriers to the use of telemedicine for medically necessary interventions and uphold the Joint Commission’s existing practice of allowing an originating site (where the patient is located) to use the credentialing and privileging information from a distant site when making final privileging decisions for telemedicine practitioners.”
http://www.jointcommission.org/assets/1/6/Revisions_telemedicine_standards.pdf



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Interstate Licensure

- For the most part, telephysicians fall under the same out of state licensure requirements as in person (patchwork of rules)
 - VA and IHS
 - 25 states (incl AZ) have already adopted the Federation of State Medical Boards (FSMB)’s Interstate Medical Licensure Compact but are in fight with FBI over background checks
- Some states already have limited telephysician licenses or exempt some services (telerad consults)
- Nurses already have licensure compact /25 states have signed eNLC)
 - Need 26 to activate Enhanced Nurse Lic Compact (includes T-health)



Mhealth Intelligence Report 7-6-2017: <https://mhealthintelligence.com/news/telehealth-licensure-compact-for-nurses-is-almost-ready-to-go>

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Interstate Licensure

- Interstate Physical Therapy License (FSBPT)
 - 13 states signed on and is live
- Psychology Interjurisdictional Compact (PsyPACT)
 - Nevada, Arizona and New Mexico have signed on, need 7 states to go live
 - Texas, Illinois and Rhode Island have pending legislation
 - Wisconsin, Missouri and Ohio are considering



Mhealth Intelligence Report 7-6-2017: <https://mhealthintelligence.com/news/telehealth-licensure-compact-for-nurses-is-almost-ready-to-go>

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Other Regulatory Issues

- Malpractice coverage
 - No reported problems in AZ
 - ATA website for telemedicine carrier info (see resources slide)
- Reimbursement coverage
 - Already discussed
- House committee on Energy & Commerce working to eliminate TM barriers for M-Care patients (ATA, 2015)



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Other Regulatory Issues

- HIPAA
 - Compliance at all sites
 - Some agencies do not require HIPAA (DOC) yet standards must be maintained for all network members
 - HIPAA issues with mobile applications
 - Future: HIPAA on steroids???



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Resources

- **Joint Commission Information Hospital Privileging :**
 - http://www.jointcommission.org/assets/1/6/Revisions_telemedicine_standards.pdf
- **Telemedicine Reimbursement:**
 - Private pay info: <http://www.telmedinsurance.com/>
 - 2017 CMS Telehealth Medicare Billing Fact Sheet: <https://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/MLNProducts/Downloads/telehealthSrvcsfctst.pdf>
- **Telemedicine Insurance Information:** <http://www.hubinternational.com/telemedicine/>
- **Grants:**
 - Gov: http://www.grants.gov/applicants/find_grant_opportunities.jsp
 - Priv: <https://proposalcentral.altum.com/> (you must create a login)
- Interstate licensure: Wicklund, 2016 <http://mhealthintelligence.com/news/telehealth-friendly-licensing-compact-gain-momentum-for-docs-nurses>
- **Parity Legislation Information:**
 - <http://medcitynews.com/2013/05/where-do-states-stand-on-private-coverage-of-telemedicine-check-out-this-map/>



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Questions?

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