

The Healing Health Care Team White Paper

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Abbreviations:

HHT: Healing Health Care Team **PTSD**: Post Traumatic Stress Disorder **COVID 19:** Coronavirus Disease 2019

EHR: Electronic Health Record SPOC: Shared Plan of Care ED: Emergency Department COE: Cycle of Engagement

Summary

As team-based health care assumes growing prominence, it is important to translate research on the central importance of the healing relationship in the patient/family and doctor dyad to relationships in the context of health care teams. We propose a healing health care team (HHT) which draws on key components of the healing relationship and melds them with more typically known attributes of the highly effective team. Attributes of the HHT include valuing the patient/family and all team members, being present during patient/family encounters and during team exchanges, sharing power and decision making with the patient/family and across team members and providing adapatability, consistency and continuity in patient/family care and in team operations.

The HHT provides an opportunity for transformative change to heal ailing patients, burned out health care providers, and an ailing health care system. Putting the HHT into practice in most settings requires cultural changes, new tools and workflows for enhanced communication, sufficient time with the family and the development of the shared plan of care. It also requires skills and knowledge of the science elucidating the essential role of attuned, trusting relationships in order to engage both patients in their own healing and teams in the shared purpose and focus required to provide efficient and effective care. Innovations and further research on HHT in pediatric practice is recommended to assess impact on children, families and providers of care, cost, utilization, services quality and quality of life.

Introduction

Traditionally the treatment of the child has been anchored in both the art and science of medicine. The science of medicine has been flourishing, for example, both precision medicine and genomics have led to a rapid increase in our understanding of disease¹ leading to new and revolutionary treatments that target the molecular origins of disease and are tailored to the unique genetic makeup of the patient.² However, despite these important technical advances, the prevalence of disease, rates of death and gaps and inequalities in health and well-being for children and adults are greater than ever.^{3,4} At the same time the socially-, behaviorally-, and environmentally-mediated reductions in health are burgeoning. Addressing and impacting the health effects of these factors requires attention to contextual and relational elements in children's and family's lives and perhaps improvement in these discouraging health metrics can be found less in the science of medicine and more in the power of healing relationships.

The central premise of this paper is that art of medicine is embodied in the human connection and caring relationships that are central to health and wellbeing.⁵ It is through these connections that we provide healing in the lives of adults, children, families and communities.⁶⁻⁹ Traditionally, health care relationships have been the purview of the physician and other clinicians^{5, 10} and healing realationshipe have been defined in this context of dyadic relationship between the provider and family. However, the increasing complexity of health care, and the evolving organization of health care all have validated increasing team approaches to care. 11-16 This evolution to team-based care raises the important question of how caring relationships can be articulated between members of a health care team and with the family, largely uncharted territory in the medical literature. ¹⁷ This paper will outline the key premises supporting investments in creating healing health care teams and the key attributes and requirements to articulate the cultural changes, tools, and workflows necessary for a healing health care team (HHT). It is one in a set of papers advanced through the "We Are the Medicine: Relationships Are the Heart of Healing" working group led by the Child and Adolescent Health Measurement Initiative to advance the Prioritizing Possibilities for Child and Family Well Being national agenda and with support from the Robert Wood Johnson Foundation.

The Power of Caring Connections

The scientific evidence supporting the power of caring relationships to promote the healing aspect of medicine is considerable and speaks to the needs of clinicians, patients and families.⁵ Research has largely involved adults and demonstrated the fundamental role of healthy relationships for early and lifelong health, including the impact of a lack of human connection among adults on on population level increases in morbidity and mortality. 18 Loneliness and social isolation have been shown to be significant risk factors for death from all causes even in the absence of disease. 19 This is particularly true for vulnerable populations such as the elderly where feeling lonely was associated with a 50% increased risk of declining functional status and death²⁰. Research has also shown that positive social connections with health care providers have a direct healing effect on patients. Provider demonstrations of compassion has been shown to lower blood pressure, ²¹⁻²⁴ promote healing from trauma²⁵, positively modulate pain^{26, 27} and improve palliative care outcomes¹⁸. Health care provider acts of compassion and caring have also been shown to significantly improve the medical outcomes in diabetes²⁸, heart disease²⁹ and wound healing^{30, 31}. Similar positive outcomes are found for behavioral health conditions such as depression³², anxiety^{33, 34} and PTSD (post-traumatic stress disorder)²⁴. Compassionate and caring care has also been associated with activation of self-care in patients³⁵, improved health care quality and safety outcomes³⁶⁻³⁹, and even utilization and cost reduction^{39, 40}. Compassion and caring have a positive impact on the dynamic of the patientclinician relationship^{41, 42} — and therein lies further opportunity to advance child and family health.

Caring connections are particularly germane for children all of whom require safe, stable, nurturing relationships which provide the building blocks of healthy development and flourishing across life⁴³. Yet, a recent national study documents that fewer than half of families demonstrate the resilience and parent-child connection essential to child development and flourishing; and only 40% of all school age children meet criteria for developing into flourishing adults, such as being curious and interested in learning, persisting to complete tasks and being able to recognize and regulation emotions and behaviors⁴³. These are characteristics that are developed through strong families that prioritize connection and healthy relationships. It is a

central role to promote such family strengths in pediatrics, which in turn requires strong family-provider relationships.

Caring Connections: A recipe for post COVID-19 era

Caring relationships are not only important for the patient and family. Their absence can have a profound impact on the clinician. Currently up to 40% of physicians experience practice burnout, and significant numbers experience depression, exhaustion and find no meaning in their work^{44, 45}. These adverse impacts on clinicians have led to increased errors, poor physicianpatient communication and lower ratings of patient experience^{36-38, 46, 47}. Under the new stress introduced by the COVID-19 pandemic, the need for caring, compassionate and trusting connection is even greater and yet also potentially harder. This pandemic has been layered onto an environment where many clinicians feel that they practice in a dysfunctional work world fraught with rapid technological interventions such as electronic health records (EHR) which often create hours of what is perceived as busy work lacking value for patient outcomes⁴⁸. High rates of burnout extend to the health care team. ⁴⁹ Care teams face ongoing and new stresses that make it more difficult to develop or sustain caring, compassion and trusting relationships in the face of the of an unforgiving disease that is often demanding and exhausting to treat and often leaves the clinician as the sole source of solace for a dying or worried patient. Research on the patient-centered medical home shows that successful practice development involves not only relationships with patients, but with changes that strengthen practices' core sense of connection and teamwork, build adaptive reserve, and expand attentiveness to the local environment.⁵⁰

Even prior to the pandemic this problem of practice burnout and moral injury was widespread.^{51,52} Today clinicians will often spend 2 hours of time documenting care for every hour spent with the patient leaving less time for the critical interactions that foster healing relationships⁵³⁻⁵⁵. Clinicians are also feeling loss of autonomy and control over the delivery of care⁵⁶. What had been previously physician owned practices are now transitioning to practices that are part of large health care systems. The incentives in these large systems encourage clinicians to order more tests, spend less time to see patients, and refer to more specialists in order to maximize revenue in a fee for service system. This emphasis on the "production" forces

clinicians to practice medicine in a way that is not meaningful to them and does not prioritize the well-being of their patients⁵⁷.

Clinicians in the pandemic are looking for an antidote to the trauma of caring for COVID-19 patients.⁵⁸ This antidote resides in the development trusting and nourishing relationships between the patient/family and the clinician — relationships which result in hope, trust and a sense that your clinician knows who you are.⁵⁹ These trusting relationships, which are essentially healing relationships, however are not automatically conferred by the family; they must be earned and they are earned by providing presence, compassion and caring⁶⁰ ⁶⁰⁻⁶².

Healing and the Healing Relationship

Healing has multiple definitions that have at their core a "holistic, transformative process of repair and recovery in mind, body, and spirit resulting in positive change"63. The healing relationship is then the relational container in which healing can be facilitated. It is a dynamic process of recovering from a trauma or illness by working toward realistic goals, restoring function, and regaining a personal sense of balance and peace. Factors that facilitate the healing relationship include building relationships, improving communication, and sharing responsibility between the patient and clinician. ¹⁷ Traditionally curing has been the primary goal of western medicine. However, in recent years there has been movement to a more holistic approach that incorporates healing and the relief of suffering in the approach to the patient. Suffering patients say that they would like to be cured, but when that is not possible, as in the case of the growing prevalence of (often multiple) chronic illnesses, patient would like to be healed, with healing understood as transcending or finding meaning in suffering. This has led to research in the medical and nursing literature on what constitutes a healing relationship. 17, 64-67. For the purpose of discussion we have chosen a model for the healing relationship proposed by JG Scott et al⁶¹. This model has been empirically derived from extensive qualitative analysis with physicians and patients as a template to describe the characteristics of a healing relationship. The key processes that foster healing relationships are presented below.

• Valuing/creating a non-judgmental bond: Being able to value the patient and family and establish an emotional bond within the context of the encounter in a manner that is

- non-judgmental where the patient/family feels they are valued regardless, of their role, social situation, ethnicity, life circumstances or type of insurance.
- **Presence**: Being present in the encounter through giving full attention to the patient/family, listening to their stories and being able to both experience and empathize with their suffering and joy. It is important the patient/family does not feel rushed and that their story can be heard without distractions.
- Sharing Power: Acknowledging the power differential between patient/family and clinician often partnering with the patient/family in making shared decisions, respecting the parent as the expert about themselves and their child in decision making and accountability, and translating medical jargon into a language and literacy level that patients/families understand, and which enables them to learn; sometimes using the power differential to push the patient toward a transformative experience.
- Abiding: Being there for families to provide a continuity of caring experiences through a
 commitment for caring for patients over time, being present during times of health care
 crises and providing a belief that you will not give up even if you are not able to provide
 a cure.

Three relational outcomes result from these processes: trust, hope, and a sense of being known. Clinician competencies that facilitate these processes are self-confidence, emotional self-management, mindfulness, and knowledge. ⁶¹ How then do these learnings translate into more complex environments where patients and families are cared for by multiple clinicians and health care providers?

Healing Encounters Benefit from Effective Health Care Teams

Compassion and caring relationships have traditionally occurred in the context of a trusting relationship between the clinician and the patient.⁶⁸⁻⁷² However, for children who have complex chronic conditions, care is provided by a team of clinicians often acting in isolation.⁷³⁻⁷⁵ . Patients with chronic conditions have on average 5 or more physicians involved in their care.⁷⁶.-In one clinic caring for children with medical complexity, each child had 6 or more pediatric specialists involved in their care.⁷⁷. In addition, families interacted with more than 30 community agencies such as schools, and rehabilitative services.⁷⁸ Having multiple providers frequently

results in poor communication, varying values around patient care, and uneven access to team members. This can lead to fragmentation of care with a lack of coordination in test ordering, clinical decision making and the development of patient centered goals. ^{79,80} This has placed a considerable burden on families with families spending 11-20 hours per week in care coordination. ⁸¹ More importantly, patients and families often do not feel they are equal partners on the team in spite of being able to bring a unique body of knowledge to the care process. ⁸² Frequently families don't know the members of their health care team. More concerning, members of the health care team do not know that they are members of the team. Effective team based care has been shown to expand access to care, provide more effective and efficient delivery of services that are essential to care such as patient education, behavioral health, self-management support and care coordination. ⁸³ In addition, effective team training programs lead to improved team member communication skills, improved team behavior and work performance, and a positive change in the practice safety climate. ⁸⁴ There has been considerable research documenting the components of a highly effective team such as:

- **Strong leadership**: the coordination of team members' activities, and the articulation of clear roles and accountability for team members
- **Flexibility and adaptability**: Flexing team leadership and team membership to meet the needs of a particular tasks. For some situations the pediatric specialist may be the best leader, or an allied health professional may need to join the team
- **Shared values**: Developing shared values that align with the family's values and priorities
- **Effective communication**: prioritizing consistent and continuous lines of communication and facilitation of shared decision making between team members. 85-87

Team maturation has been described as a developmental process, ⁸⁸⁻⁹⁴ that requires attention similar to the nurturing required for relationships with patients and families. ⁹⁵ Unfortunately, the idea of a highly effective team has not been widely realized in health care and is not a skill that is taught to health care professionals. ⁹⁶ There remains a persistent gap between what we know comprises a healing relationship and what occurs in the current environment of team-based care. ⁹⁷ The closing of this gap calls for a reconceptualization of the healing relationship in the context of the health care team into what we are calling the Healing Health Care Team (HHT).

Putting the Healing Health Care Team into practice

Table 1 delineates attributes that characterize HHTs across each of the key processes of the healing relationship summarized above. The successful implementation of the HHT will require operationalization of these attributes through the employment of new tools and workflows some of which we discuss below.

Valuing the child and family

The cornerstone of valuing the patient and family is the fostering of shared knowledge and values with the patient and family and between team members. Team members need to appreciate each other without regard to their training or role. Valuing can also be reflected in the definition of clear roles for each team member and that these roles may change depending on the clinical issue that needs to be resolved. The iterative process of developing shared plan of care (SPOC) can be leveraged to achieve this goal by basing this process on the foundation of information about family strengths, goals, worries, whole-life context and priorities. 98 Through a comprehensive assessment of these factors the HHT can work to develop shared patient centered goals that align values of the team with those of the family. These goals can range from short term goals such as removal of a gastric tube so the child can eat on their own to more aspirational goals related to a child's future educational attainment and work in the world.⁹⁹ The codification of needs, strengths, and goals into a SPOC that helps to ensure there is a dynamic document in the EHR that can be shared with the family and the health care team. Shared team values also play an important role in valuing the child and family. Team members need to be non-judgmental and empathetic to family concerns, honest and transparent in their communications with the family and with other team members and have humility in recognizing that one type of training or perspective is superior. ¹⁰⁰

Being present for the child and family and providing continuity of care

Just as team members must be available to each other to develop their team function, being present for the child and family calls for the family both to know how to access the team when needed and for the clinician to provide a clinical encounter that fosters a trusting and caring relationship. Easy access to team members is of paramount importance for families.

Usually this is best accomplished through a continuous relationship with a team member. Some

families, however, prefer not to have another team member act as a "middleman" in their communications with the HHT or find they can effectively relate to multiple members of the team. Knowing who and when to call and for what reasons can be problematic for many families. One solution is to use access plans which identify common situations where the patient is likely to need care in the ED and/or be hospitalized. For each of these conditions, the access plan articulates how to prevent the clinical condition from arising, who to call and what to do when it occurs, what to monitor to see if the child is improving or worsening and when to go directly to the ED or call 911. These type of access plans have been shown to reduce both ED utilization and hospitalization in children¹⁰¹. The use of community health care workers or parent navigators who come from the surrounding community can increase family experience of an abiding presence by helping them overcome language and cultural barriers that can impede the acquisition of shared medical knowledge and navigation through complex health care systems. ¹⁰²

Being present for the family requires explicit intention, sufficient skills and patience and time. Because this is often difficult to accomplish in the context of a 20-minute encounter, clinics that specialize in caring for patients with medical complexity often lengthen the encounter to one or more hours. Also, while more time is satisfying for both the family and provider, it often does not meet the short-term goal of maximizing revenue leaving the clinician in a moral quandary of how to address the needs of the patient and family while meeting revenue targets. One interesting idea that has been proposed is payment for optimizing time spent to develop healing relationships. Alternative payment models have been proposed that reward time spend with the family to in order to increase value. The visit time can also be extended through more effective use of pre-visit and post-visit care.

More time does not necessarily result in a healing relationship. The time must be used wisely. Bethell, et al have developed the Cycle of Engagement (COE) model and tools to use patient care time more effectively through the development of relationship-centered approaches to care that focus encounters on the child/family agenda and processes to develop SPOCs based on the child/family content and their priorities and needs. See Figure 1 The COE optimizes time during encounters to build healing relationships by leveraging pre and post visit time to continuously engage families. For example, the COE Well Visit Planner® tool allows caregivers to identify strengths, goals, and concerns, complete narionally recommended assessments

aligned with the Bright Futures guidelines, select their priorities and receive a personalized guide that is shared with the care team to customize and focus care on the family agenda. After visits, caregivers can complete the Promoting Healthy Development Survey to assess what was accomplished during the visit, what was missed and what can be improved, engaging them as partners in improving quality. This allows for an extension of the encounter beyond the face-to-face visit and supports the parent in promoting the health and well-being of their child. It also fosters trusting relationships between families and providers, and in doing so, facilitates the effective provision of critical anticipatory guidance, education and shared decision making to address risks and co-identify follow up steps. This approach has been tested in numerous clinical practices and shown to improve caregiver experience of care, rates of screening and follow up as well decreasing unnecessary use of urgent care. The use of digital health is another way to extend the encounter by creating more touches with the child and family without the burden of the parent missing work or having to transport a child with medical equipment. These visits also help overcome the family's fear of contracting COVID-19 increasing the likelihood of attending the visit.

Sharing power

Just as effective teams partner with each other, partnering with families mandates that the family member be an equal member of the team whose values and preferences are elicited and considered in all decisions. This often requires a culture change that involves sharing power and flattening organizational hierarchies. The result of this investment in culture change can be an unleashing of energy from both team members and families. This sharing of power is fostered through a culture that recognizes the primacy of the family and brings their unique expertise to decisions about their child. Members of the health care team need to recognize the family as the fundamental unit of health care delivery and accountable with the other team members for the achievement of shared goals. Partnering with families requires that the family be able to integrate new knowledge. This again underscores the importance of health literacy when communicating with families, and of recognizing the complementary strengths of team members who may share cultural congruence or different communication opportunities with diverse families.

Consistency and abiding: providing continuity

Providing continuity and consistency in the family's care experience is essential for the development of healing relationships. This is particularly true during times of health care crises. Practically speaking the HHT should provide the family with clear guidance and instructions on how to connect with a designated team member, 24x7 and ensure that knowledge of these health events is shared within the HHT. The development of these abiding relationships between a family and an HHT requires a high degree of communication among team members and consonance in values and goals between team members and the family. Much of the needed communication to identify family goals can take place in the course of normal care processes, like during the provision of preventive care of or the development of the SPOC. Here there is a recognition that both families and each team member need to weigh in and be comfortable with the feasibility and value of jointly defined goals, actions and interventions needed to achieve them. Having a high level of agreement helps to ensure continuity between different team members. This is particularly important in understanding the equipoise between curative and palliative care in children with severe chronic conditions by demonstrating to families that their doctors and care team are still engaged and will not give up even though a cure is not forthcoming.

Traditionally, communication between the family team member and others on the team, occurs through a single provider. However, it is important to create systems that support development of ongoing patient/family relationships with multiple members of the team. There are a number of workflows that can help achieve this goal. These include alerts to the health care team about changes in health status such as hospital admissions and ED visits, and frequent communications between health team members either through the EHR or during huddles before the visit. The use of mutually agreed upon evidence based diagnostic procedures and treatment plans can be used to ensure good communication and between team member and with families and to provide consistency among team members in the care they provide. Sharing family agendas across care team members, like those produced using tools like the Well Visit Planner,® can be powerful to foster effective coordination of care around the specific goals, needs and priorities for each child and family. Creating clinical environments where clinicians are working closely together in multi-disciplinary programs such as spina bifida or aerodigestive clinics help to facilitate communication among clinicians, other members of the care team and the family.

Call to Action

The full implementation of the HHT calls for important changes in the culture and practice of pediatrics. This includes:

- A full realization that team-based care is the norm for pediatric practice and there needs to be energy and resources dedicated to building the HHT.
- A reinterpretation of the traditional hierarchies in medicine so that each member of the team is perceived as valued.
- Each member of the HHT being present for each other, sharing power, and valuing each team member.
- A culture change in pediatric practice such that the family is recognized as an equal member of the health care team.
- A clear focus on relationship building as an essential component of the patient/family encounter with team members.

Conclusion

The last decade has been witness to transformational changes in health care. Research on how healing relationships affect outcomes of care has also grown substantially. However, the translation of the healing relationship from the dyadic clinician patient relationship to health care teams has remained under-researched and under-supported. We have characterized key attributes of healing relationships — valuing, being present, sharing power and providing continuity over time —and integrated these with established qualities of highly effective teams — strong leadership, shared values, effective communication, adaptability to new experiences and shared decision making—to define the Healing Health Care Team (HHT). The development of HHTs is particularly relevant during the COVID-19 pandemic and in the team-focused health care system likely to emerge in the post-pandemic era.

The development and implementation of the HHT is a complex yet rewarding task calling for the development of shared values between team members, enhanced communication among team members and the development of patient and family led agendas in the provision of care and development of shared plans of care. Essential to the transformation of children's health services, the HHT requires realignment of incentives to reward the optimization of patient and

family experience, quality of life and health care outcomes associated with healing relationships.^{50, 89} The similarity between the human connections needed to support healing relationships and team function, and the meaningfulness of those relationships for both patients and health care providers, bodes well for motivating the needed investment in supportive systems and human attention.

This paper has presented a conceptual model of the HHT. Further refinement and understanding of this model will require additional qualitative and quantitative research to better understand how different patients relate to the HHT. There is a compelling need for further research on the impact of the HHT on health outcomes. This needs to include both relational outcomes such as whether the child and family feel they are known and understood, and the degree of trust between the family and the provider, as well as more conventional outcomes such as patient experience, health care utilization and disease related outcomes such hemoglobin A1C. Additional research is also needed to assess the impact of value-based payment plans of the healing team on utilization, health care costs, patient experience, patient quality of life and clinical outcomes. Hopefully this research will lead to a future where the borders between the art and science of medicine are blurred¹¹⁰ and we have an intimate understanding of caring and the ability to exquisitely tailor our caring encounters to needs of our patients and families.

References

- 1. National Research Council (US) Committee on A Framework for Developing a New Taxonomy of Disease. *Toward Precision Medicine: Building a Knowledge Network for Biomedical Research and a New Taxonomy of Disease*. National Academy Press; 2011.
- 2. National Academies of Sciences, Engineering and Medicine. *Enabling Precision Medicine: The Role of Genetics in Clinical Drug Development: Proceedings of a Workshop.* The National Academies Press; 2017.
- 3. Ramaswami R, Bayer R, Galea S. Precision medicine from a public health perspective. *Annu Rev Public Health*. 04 2018;39:153-168. doi:10.1146/annurev-publhealth-040617-014158
- 4. Smedley BD, Stith AY, Nelson AR, Institute of Medicine. *Unequal Treatment: Confronting Racial and Ethnic Disparities in Healthcare*. National Academy Press; 2002:782.
- 5. Beach MC, Inui T. Relationship-centered care. A constructive reframing. *J Gen Intern Med.* Jan 2006;21 Suppl 1:S3-8.
- 6. Scott JG, Warber SL, Dieppe P, Jones D, Stange KC. Healing journey: a qualitative analysis of the healing experiences of Americans suffering from trauma and illness. *BMJ Open*. 2017;0:e016771. doi:10.1136/bmjopen-2017-016771
- 7. Egnew TR. Suffering, meaning, and healing: challenges of contemporary medicine. *Ann Fam Med*. Mar-Apr 2009;7(2):170-5.
- 8. Scott JG, Cohen D, Dicicco-Bloom B, Miller WL, Stange KC, Crabtree BF. Understanding healing relationships in primary care. *Annals of Family Medicine*. Jul-Aug 2008;6(4):315-22. doi:6/4/315 [pii]10.1370/afm.860
- 9. Bonzo JM, Stevens MR. Bodies, households, communities: health within finitude. *Wendell Berry and the Cultivation of Life: A Reader's Guide*. Brazos Press; 2008:103-126.
- 10. Karnieli-Miller O, Frankel RM, Inui TS. Cloak of compassion, or evidence of elitism? An empirical analysis of white coat ceremonies. *Med Educ*. Jan 2013;47(1):97-108. doi:10.1111/j.1365-2923.2012.04324.x
- 11. Yonek J, Lee CM, Harrison A, Mangurian C, Tolou-Shams M. Key Components of Effective Pediatric Integrated Mental Health Care Models: A Systematic Review. *JAMA Pediatr*. Mar 9 2020;doi:10.1001/jamapediatrics.2020.0023
- 12. Ramond-Roquin A, Stewart M, Ryan BL, et al. The "Patient-centered coordination by a care team" questionnaire achieves satisfactory validity and reliability. *J Interprof Care*. Dec 2018:1-12. doi:10.1080/13561820.2018.1554633
- 13. Wagner EH, Flinter M, Hsu C, et al. Effective team-based primary care: observations from innovative practices. *BMC Fam Pract*. Feb 02 2017;18(1):13. doi:10.1186/s12875-017-0590-8
- 14. Swankoski KE, Peikes DN, Palakal M, Duda N, Day TJ. Primary Care Practice Transformation Introduces Different Staff Roles. *Ann Fam Med.* May 2020;18(3):227-234. doi:10.1370/afm.2515
- 15. Jabbarpour Y. Teams in Primary Care. An annotated bibliography. presented at: Starfield Summit; April 2016 2016; Washington, DC. https://t.e2ma.net/click/hvedf/98f1e/55e3jb
- 16. Sinsky CA, Willard-Grace R, Schutzbank AM, Sinsky TA, Margolius D, Bodenheimer T. In search of joy in practice: a report of 23 high-functioning primary care practices. *Ann Fam Med.* May-Jun 2013;11(3):272-8. doi:10.1370/afm.1531

- 17. Hsu C, Phillips WR, Sherman KJ, Hawkes R, Cherkin DC. Healing in primary care: a vision shared by patients, physicians, nurses, and clinical staff. *Ann Fam Med.* Jul-Aug 2008;6(4):307-14.
- 18. The Science of Compassion: Future directions in end-of-life and palliative care. 2011.
- 19. National Academies of Sciences, Engineering and Medicine. *Social Isolation and Loneliness in Older Adults: Opportunities for the Health Care System*. The National Academies Press; 2020.
- 20. Donovan NJ, Wu Q, Rentz DM, Sperling RA, Marshall GA, Glymour MM. Loneliness, depression and cognitive function in older U.S. adults. *Int J Geriatr Psychiatry*. 05 2017;32(5):564-573. doi:10.1002/gps.4495
- 21. Holt-Lunstad J, Birmingham WA, Light KC. Influence of a "warm touch" support enhancement intervention among married couples on ambulatory blood pressure, oxytocin, alpha amylase, and cortisol. *Psychosom Med.* Nov 2008;70(9):976-85. doi:10.1097/PSY.0b013e318187aef7
- 22. Holt-Lunstad J, Jones BQ, Birmingham W. The influence of close relationships on nocturnal blood pressure dipping. *Int J Psychophysiol*. Mar 2009;71(3):211-7. doi:10.1016/j.ijpsycho.2008.09.008
- 23. Holt-Lunstad J, Birmingham W, Jones BQ. Is there something unique about marriage? The relative impact of marital status, relationship quality, and network social support on ambulatory blood pressure and mental health. *Ann Behav Med.* Apr 2008;35(2):239-44. doi:10.1007/s12160-008-9018-y
- 24. Teresa A, Shannon S-Z, W KM, Nicola P, H BD, T LB. Compassion based therapy for trauma related shame and post traumatic stress: Initial evaluation using a multiple baseline design. *Behavioral Therapy*. 2017;48(2):207-21.
- 25. Simone S, Oliver O, Antoine S-L, Thorsten K, Pfaff H, Edmund N. Short and long term subjective medical treatment outcome of trauma surgery patients: The importance of physician empathy. *Patient Preference and Adherence* 21014;8:1239-53.
- 26. Kelley JM, Kraft-Todd G, Schapira L, Kossowsky J, Riess H. The influence of the patient-clinician relationship on healthcare outcomes: a systematic review and meta-analysis of randomized controlled trials. *PLoS One*. 2014;9(4):e94207. doi:10.1371/journal.pone.0094207
- 27. EGBERT LD, BATTIT GE, WELCH CE, BARTLETT MK. REDUCTION OF POSTOPERATIVE PAIN BY ENCOURAGEMENT AND INSTRUCTION OF PATIENTS. A STUDY OF DOCTOR-PATIENT RAPPORT. *N Engl J Med.* Apr 1964;270:825-7. doi:10.1056/NEJM196404162701606
- 28. Hojat M, Louis DZ, Markham FW, Wender R, Rabinowitz C, Gonnella JS. Physicians' empathy and clinical outcomes for diabetic patients. *Acad Med.* Mar 2011;86(3):359-64. doi:10.1097/ACM.0b013e3182086fe1
- 29. Christenfeld N, Gerin W. Social support and cardiovascular reactivity. *Biomed Pharmacother*. Jun 2000;54(5):251-7. doi:10.1016/S0753-3322(00)80067-0
- 30. JK K-G, TJ L, JR S, et al. Hostile marital interactions, proinflammatory cytokine production wound healing. 2005;62(12):1377-84.
- 31. JK K-G, PT M, WB M, AM M, R G. Slowing of wound healing by psychological stress. *Lancet*. 1995;346(8984):1194-96.
- 32. N H-S, JL P. The relationship between staff empathy and depression in nursing home residents. *Aging and Mental Health*. 2000;4(1):56-65.

- 33. Weiss R, Vittinghoff E, Fang MC, et al. Associations of Physician Empathy with Patient Anxiety and Ratings of Communication in Hospital Admission Encounters. *J Hosp Med.* 10 2017;12(10):805-810. doi:10.12788/jhm.2828
- 34. Fogarty LA, Curbow BA, Wingard JR, McDonnell K, Somerfield MR. Can 40 seconds of compassion reduce patient anxiety? *J Clin Oncol*. Jan 1999;17(1):371-9. doi:10.1200/JCO.1999.17.1.371
- 35. Barker I, Steventon A, Deeny S. Patient activation is associated with fewer visits to both general practice and emergency departments: a cross-sectional study of patients with long-term conditions. *Clin Med (Lond)*. Jun 2017;17(Suppl 3):s15. doi:10.7861/clinmedicine.17-3-s15
- 36. West CP, Huschka MM, Novotny PJ, et al. Association of perceived medical errors with resident distress and empathy: a prospective longitudinal study. *JAMA*. Sep 2006;296(9):1071-8. doi:10.1001/jama.296.9.1071
- 37. Shanafelt TD, Balch CM, Bechamps G, et al. Burnout and medical errors among American surgeons. *Ann Surg.* Jun 2010;251(6):995-1000. doi:10.1097/SLA.0b013e3181bfdab3
- 38. West CP, Tan AD, Habermann TM, Sloan JA, Shanafelt TD. Association of resident fatigue and distress with perceived medical errors. *JAMA*. Sep 2009;302(12):1294-300. doi:10.1001/jama.2009.1389
- 39. Barker I, Steventon A, Deeny S. Continuity of care in general practice is associated with fewer ambulatory care sensitive hospital admissions: a cross-sectional study of routinely collected, person-level data. *Clin Med (Lond)*. Jun 2017;17(Suppl 3):s16. doi:10.7861/clinmedicine.17-3-s16
- 40. Wiest D, Yang Q, Wilson C, Dravid N. Outcomes of a Citywide Campaign to Reduce Medicaid Hospital Readmissions With Connection to Primary Care Within 7 Days of Hospital Discharge. *JAMA Netw Open*. 01 2019;2(1):e187369. doi:10.1001/jamanetworkopen.2018.7369
- 41. Weng HC, Chen HC, Chen HJ, Lu K, Hung SY. Doctors' emotional intelligence and the patient-doctor relationship. *Med Educ*. Jul 2008;42(7):703-11. doi:10.1111/j.1365-2923.2008.03039.x
- 42. Ratanawongsa N, Roter D, Beach MC, et al. Physician burnout and patient-physician communication during primary care encounters. *J Gen Intern Med*. Oct 2008;23(10):1581-8. doi:10.1007/s11606-008-0702-1
- 43. Bethell CD, Gombojav N, Whitaker RC. Family Resilience And Connection Promote Flourishing Among US Children, Even Amid Adversity. *Health Aff (Millwood)*. 05 2019;38(5):729-737. doi:10.1377/hlthaff.2018.05425
- 44. L K. *Medscape National Physician Burnout, Depression & Suicide Report 2019*. 2019. Accessed February 15, 2020. https://www.medscape.com/slideshow/2019-lifestyle-burnout-depression-6011056#1
- 45. Kemper KJ, Schwartz A, Wilson PM, et al. Burnout in Pediatric Residents: Three Years of National Survey Data. *Pediatrics*. Jan 2020;145(1)doi:10.1542/peds.2019-1030
- 46. Panagioti M, Geraghty K, Johnson J, et al. Association Between Physician Burnout and Patient Safety, Professionalism, and Patient Satisfaction: A Systematic Review and Meta-analysis. *JAMA Intern Med.* 10 2018;178(10):1317-1330. doi:10.1001/jamainternmed.2018.3713

- 47. Welp A, Meier LL, Manser T. The interplay between teamwork, clinicians' emotional exhaustion, and clinician-rated patient safety: a longitudinal study. *Crit Care*. Apr 2016;20(1):110. doi:10.1186/s13054-016-1282-9
- 48. Todd C. Telehealth holds promise: But human touch is still needed. Modern Healthcare; 2019. March 23, 2019.
- 49. Edwards ST, Marino M, Balasubramanian BA, et al. Burnout among physicians, advanced practice clinicians and staff in smaller primary care practices. *J Gen Intern Med*. Oct 2018;doi:10.1007/s11606-018-4679-0
- 50. Miller WL, Crabtree BF, Stange KC, Nutting PA, Jaén CR. Primary care practice development: a relationship-centered approach. *Ann Fam Med.* 2010;8(Suppl 1):S68-S79.
- 51. Frezza Md E. Moral Injury: The Pandemic for Physicians. Tex Med. Mar 1 2019;115(3):4-6.
- 52. Ford EW. Stress, Burnout, and Moral Injury: The State of the Healthcare Workforce. *J Healthc Manag.* May-Jun 2019;64(3):125-127. doi:10.1097/JHM-D-19-00058
- 53. Arndt BG, Beasley JW, Watkinson MD, et al. Tethered to the EHR: Primary Care Physician Workload Assessment Using EHR Event Log Data and Time-Motion Observations. *Ann Fam Med*. 09 2017;15(5):419-426. doi:10.1370/afm.2121
- 54. Sinsky C, Colligan L, Li L, et al. Allocation of physician time in ambulatory practice: A time and motion study in 4 specialties. *Ann Intern Med.* Dec 2016;165(11):753-760. doi:10.7326/M16-0961
- 55. Tai-Seale M, Olson CW, Li J, et al. Electronic Health Record Logs Indicate That Physicians Split Time Evenly Between Seeing Patients And Desktop Medicine. *Health Aff (Millwood)*. 04 2017;36(4):655-662. doi:10.1377/hlthaff.2016.0811
- 56. Williams GC, Quill TE. Physician autonomy, paternalism, and professionalism: finding our voice amid conflicting duties. *Virtual Mentor*. Feb 2004;6(2)doi:10.1001/virtualmentor.2004.6.2.msoc2-0402
- 57. Ariely D, Lanier WL. Disturbing Trends in Physician Burnout and Satisfaction With Work-Life Balance: Dealing With Malady Among the Nation's Healers. *Mayo Clin Proc.* Dec 2015;90(12):1593-6. doi:10.1016/j.mayocp.2015.10.004
- 58. Larry A. Green, MD Center for the Advancement of Primary Care for the Public Good. Quick COVID-19 Survey. Accessed January 11, 2021, https://www.green-center.org/covid-survey
- 59. Etz RS, Zyzanski SJ, Gonzalez MM, Reves SR, O'Neal JP, Stange KC. A new comprehensive measure of high-value aspects of primary care. *The Annals of Family Medicine*. 2019;17(3):221-230. doi:doi:10.1370/afm.2393
- 60. Zulman DM, Haverfield MC, Shaw JG, et al. Practices to Foster Physician Presence and Connection With Patients in the Clinical Encounter. *JAMA*. 01 2020;323(1):70-81. doi:10.1001/jama.2019.19003
- 61. Scott JG, Cohen D, Dicicco-Bloom B, Miller WL, Stange KC, Crabtree BF. Understanding healing relationships in primary care. *Ann Fam Med*. 2008 Jul-Aug 2008;6(4):315-22. doi:10.1370/afm.860
- 62. Tehranineshat B, Rakhshan M, Torabizadeh C, Fararouei M. Compassionate Care in Healthcare Systems: A Systematic Review. *J Natl Med Assoc*. Oct 2019;111(5):546-554. doi:10.1016/j.jnma.2019.04.002
- 63. Firth K, Smith K, Sakallaris BR, Bellanti DM, Crawford C, Avant KC. Healing, a Concept Analysis. *Glob Adv Health Med.* Nov 2015;4(6):44-50. doi:10.7453/gahmj.2015.056

- 64. Miller WL. Unfilled hunger: Seeking relationships in primary care-A perspective from the Keystone IV Conference. *J Am Board Fam Med*. 2016 Jul-Aug 2016;29 Suppl 1:S19-23. doi:10.3122/jabfm.2016.S1.150405
- 65. Sturmberg JP, Cilliers P. Time and the consultation--an argument for a 'certain slowness'. *Journal of Evaluation in Clinical Practice*. Oct 2009;15(5):881-5. doi:JEP1270 [pii]
- 10.1111/j.1365-2753.2009.01270.x
- 66. Scott JG, Scott RG, Miller WL, Stange KC, Crabtree BF. Healing relationships and the existential philosophy of Martin Buber. *Philos Ethics Humanit Med.* 2009;4:11. doi:PMCID PMC2733137
- 67. Miller WL, Crabtree BF, Duffy MB, Epstein RM, Stange KC. Research guidelines for assessing the impact of healing relationships in clinical medicine. *Altern Ther Health Med*. May-Jun 2003;9(3 Suppl):A80-95.
- 68. Ventres WB, Frankel RM. Shared presence in physician-patient communication: A graphic representation. *Fam Syst Health*. Sep 2015;33(3):270-9. doi:10.1037/fsh0000123
- 69. Rudebeck CE. Relationship based care how general practice developed and why it is undermined within contemporary healthcare systems. *Scand J Prim Health Care*. Sep 2019;37(3):335-344. doi:10.1080/02813432.2019.1639909
- 70. Brown JD, King MA, Wissow LS. The central role of relationships with trauma-informed integrated care for children and youth. *Acad Pediatr*. 2017 Sep Oct 2017;17(7S):S94-S101. doi:10.1016/j.acap.2017.01.013
- 71. Borrell-Carrio F, Suchman AL, Epstein RM. The biopsychosocial model 25 years later: principles, practice, and scientific inquiry. *Ann Fam Med.* Nov-Dec 2004;2(6):576-82.
- 72. Street RL, Jr., Krupat E, Bell RA, Kravitz RL, Haidet P. Beliefs about control in the physician-patient relationship: effect on communication in medical encounters. *J Gen Intern Med.* Aug 2003;18(8):609-16.
- 73. Asarnow JR, Kolko DJ, Miranda J, Kazak AE. The Pediatric Patient-Centered Medical Home: Innovative models for improving behavioral health. *American Psychologist*. 2017;72(1):13-27. doi:10.1037/a0040411
- 74. American Academy of Family Physicians (AAFP), American Academy of Pediatrics (AAP), American College of Physicians (ACP), American Osteopathic Association (AOA). Joint principles of the Patient-Centered Medical Home. The Patient Center Primary Care Collaborative. Accessed July 2, 2010. www.medicalhomeinfo.org/Joint%20Statement.pdf
- 75. The medical home. *Pediatrics*. Jul 2003;110(1 Pt 1):184-6.
- 76. Bierman AS. Coexisting illness and heart disease among elderly Medicare managed care enrollees. *Health Care Financ Rev.* 2004;25(4):105-17.
- 77. Wayman K. Hub Model: A Different Approach to Caring for Children with Medical Complexity. *Childrens Hospital Today*. 2013;(October 24, 2013)
- 78. Adams S, Nicholas D, Mahant S, et al. Care maps for children with medical complexity. *Dev Med Child Neurol*. 12 2017;59(12):1299-1306. doi:10.1111/dmcn.13576
- 79. Ruddy G, Rhee K. Transdisciplinary teams in primary care for the underserved: a literature review. *J Health Care Poor Underserved*. 2005;16(2):248-256.
- 80. Hughes JR, Grayson R, Stiles FC. Fragmentation of care and the medical home. *Pediatrics*. Oct 1977;60(4):559.
- 81. Kuo DZ, Cohen E, Agrawal R, Berry JG, Casey PH. A national profile of caregiver challenges among more medically complex children with special health care needs. *Arch Pediatr Adolesc Med.* Nov 2011;165(11):1020-6. doi:10.1001/archpediatrics.2011.172

- 82. Allshouse C, Comeau M, Rodgers R, Wells N. Families of Children With Medical Complexity: A View From the Front Lines. *Pediatrics*. 03 2018;141(Suppl 3):S195-S201. doi:10.1542/peds.2017-1284D
- 83. Chesluk BJ, Holmboe ES. How teams work--or don't--in primary care: a field study on internal medicine practices. *Health Aff (Millwood)*. May 2010;29(5):874-9. doi:10.1377/hlthaff.2009.1093
- 84. Weaver SJ, Lyons R, DiazGranados D, et al. The anatomy of health care team training and the state of practice: a critical review. *Acad Med.* Nov 2010;85(11):1746-60. doi:10.1097/ACM.0b013e3181f2e907
- 85. Mitchell P, Wynia M, Golden R, et al. *Core principles & values of effective team-based health care*. 2012.
- 86. Bannister SL, Wickenheiser HM, Keegan DA. Key elements of highly effective teams. *Pediatrics*. Feb 2014;133(2):184-6. doi:10.1542/peds.2013-3734
- 87. Van Houtven CH, Hastings SN, Colón-Emeric C. A Path To High-Quality Team-Based Care For People With Serious Illness. *Health Aff (Millwood)*. 06 2019;38(6):934-940. doi:10.1377/hlthaff.2018.05486
- 88. Crabtree BF, Howard J, Miller WL, et al. Leading innovative practice: Leadership attributes in LEAP practices. *Milbank Q*. May 2020;35(1):16-22. doi:10.1111/1468-0009.12456
- 89. Crabtree BF, Nutting PA, Miller WL, et al. Primary care practice transformation is hard work: insights from a 15-year developmental program of research. *Medical Care*. Sep 17 2011;49(Suppl):S28-35. doi:10.1097/MLR.0b013e3181cad65c
- 90. Stange KC, Nutting PA, Miller WL, et al. Defining and measuring the patient-centered medical home. *J Gen Intern Med*. Jun 2010;25(6):601-612. doi:10.1007/s11606-010-1291-3
- 91. Balasubramanian BA, Chase SM, Nutting PA, et al. Using Learning Teams for Reflective Adaptation (ULTRA): insights from a team-based change management strategy in primary care. *Ann Fam Med.* Sep-Oct 2010;8(5):425-32. doi:8/5/425 [pii]10.1370/afm.1159
- 92. Lanham HJ, McDaniel RR, Jr., Crabtree BF, et al. How improving practice relationships among clinicians and nonclinicians can improve quality in primary care. *Jt Comm J Qual Patient Saf.* Sep 2009;35(9):457-66.
- 93. Jordan ME, Lanham HJ, Crabtree BF, et al. The role of conversation in health care interventions: enabling sensemaking and learning. *Implement Sci.* 2009;4:15.
- 94. Miller JH, Page SE. Complex Adaptive Systems. An Introduction to Computational Models of Social Life. Princeton University Press; 2007.
- 95. McAllister JW, Cooley WC, Van Cleave J, Boudreau AA, Kuhlthau K. Medical Home Transformation in Pediatric Primary Care—What Drives Change? *The Annals of Family Medicine*. May 1, 2013 2013;11(Suppl 1):S90-S98. doi:10.1370/afm.1528
- 96. Salas E, Sims D, Burke C. Is there a "big five" in teamwork? *Small Group Research*. 2005;36:555-599.
- 97. Saba GW, Villela TJ, Chen E, Hammer H, Bodenheimer T. The myth of the lone physician: toward a collaborative alternative. *Ann Fam Med.* Mar-Apr 2012;10(2):169-73. doi:10/2/169 10.1370/afm.1353
- 98. Ronis SD, Kleinman LC, Stange KC. A learning loop model of collaborative decision making in chronic illness. *Acad Pediatr*. Jul 2019;19(5):497-503. doi:10.1016/j.acap.2019.04.006
- 99. McAllister J. Achieving a Shared Plan of Care with Children and Youth with Special Health Care Needs 2014.

- 100. Wynia MK, Von Kohorn I, Mitchell PH. Challenges at the intersection of team-based and patient-centered health care: insights from an IOM working group. *JAMA*. Oct 2012;308(13):1327-8. doi:10.1001/jama.2012.12601
- 101. Coller RJ, Klitzner TS, Lerner CF, et al. Complex Care Hospital Use and Postdischarge Coaching: A Randomized Controlled Trial. *Pediatrics*. 08 2018;142(2)doi:10.1542/peds.2017-4278
- 102. Crezee IM, Roat C. Bilingual patient navigator or healthcare interpreter: What's the difference and why does it matter? *Cogent Medicine*. 2018;6(1)
- 103. Mercer SW, O'Brien R, Fitzpatrick B, et al. The development and optimisation of a primary care-based whole system complex intervention (CARE Plus) for patients with multimorbidity living in areas of high socioeconomic deprivation. *Chronic Illn.* 09 2016;12(3):165-81. doi:10.1177/1742395316644304
- 104. Pollack S. Pay for relationship: A novel solution to the primary care crisis. *NEJM Catalyst*. 2019. Accessed Accessed January 20, 2020. https://catalyst.nejm.org/doi/full/10.1056/CAT.19.0695
- 105. Bethell, CD, Reuland, C., Shaw, J. <u>Patient centered improvement of well-child care:</u>
 developing and evaluating the impact of patient-centered interventions to improve quality
 and equity of recommended services. Maternal and Child Health Bureau, Health Resources
 and Services Administration. Accessed June 24, 2021 at
 https://media.mchtraining.net/research/documents/finalreports/bethellR40mc08959FinalRepo
 rt.pdfID=92.
- 106. Coker TR, Chacon S, Elliott MN, et al. A Parent Coach Model for Well-Child Care Among Low-Income Children: A Randomized Controlled Trial. *Pediatrics*. 2016;137(3):e20153013. doi:10.1542/peds.2015-3013
- 107. Cochrane Library. Coronavirus (COVID-19): remote care through telehealth. *Cochrane Special Collections*. Updated May 6, 2020. Accessed May 24, 2020, https://www.cochranelibrary.com/collections/doi/SC000043/full
- 108. Bergman D, Bethell C, Gombojav N, Hassink S, Stange KC. Physical Distancing With Social Connectedness. *Ann Fam Med.* May 2020;18(3):272-277. doi:10.1370/afm.2538
- 109. Medalie JH, Zyzanski SJ, Langa D, Stange KC. The family in family practice: is it a reality? *Journal of Family Practice*. May 1998;46(5):390-6.
- 110. Montgomery L, Loue S, Stange KC. Linking the heart and the head: humanism and professionalism in medical education and practice. *Family Medicine*. 2017;49(5):378-383.

Figure 1. Illustration of the Cycle of Engagement model for early childhood well child services using the Well Visit Planner® (see www.cycleofengagement.org)

CYCLE OF ENGAGEMENT MODEL **Families** WELL-VISIT **Providers** Before the Well-Child Visit **PLANNER** Complete the WVP tool Create an account to access for planning their child's the WVP Portal to tailor the Pre-visit planning upcoming well-visit and WVP for their practice or receive a personalized organization and track WVP Visit Guide use by families Well-Visit Planner™ During the Well-Child Visit Focus on the priorities, concerns and issues specific to the child and family; family environment discussed; developmental, behavioral, emotional and other concerns addressed; and resources co-identified **ONLINE PHDS Providers Families** After the Well-Child Visit Create an account to access the Post-visit assessment Complete the Online PHDS tool Online PHDS Portal, tailor the to give anonymous feedback PHDS for their practice or about their experience and the organization and get access to quality of care they received,

and receive a feedback report

summary reports on quality of care

based on parents' responses

Table 1 Attributes of the Healing Healthcare Team

Healing Relationships	The Healing Health Care Team
Valuing the patient and the family and all team members	Shares information about patient values, and subjective experiences among team members
	 Shares values as team members e.g. being non-judgmental, empathizing with patient's challenges and illness experience Align team values with those of the patient/family
	 Acknowledge that the family is at the center of the team and an important partner in all decisions
Being present for the child and family and in team exchanges	• 24x7 access to a team member
	• Ensure a single point of contact or lead to be primary relationship for patient (may change with changing clinical situation, but patients know this)
	Schedule enough time for the lead clinician to connect with patient's experience of illness
	Create an access plan with patients that ensure contact with a team member during major health care crises (use of texting and mobile phones)
Sharing power: partnering with families	Partner with patient/family as equal member of the team
	• Create the conditions for effective shared decision making with patients about priorities, needs, diagnosis and treatment between team members
	Will ensure joint accountability in the team towards achievement of patient centered goals
	• Investing in relationship through many little actions, and using the resulting trust to be trustworthy in supporting and/or pushing the patient/family when helpful
Consistency and abiding; providing Continuity	Use team members to expand availability and connection
	• Engage in frequent team communication, for example, by using huddles
	Use evidence-based protocols to increase consistency in clinical practice among team members, while also providing individualization and tailoring to patient/family particulars
	Form multidisciplinary clinics (physical or virtual) that allow shared communication between pediatric specialists and the family