Organizational change and everyday health system resilience: lessons from Cape Town, South Africa

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Abstract

This paper reports a study from Cape Town, South Africa, that tested an existing framework of everyday health system resilience (EHSR) in examining how a local health system responded to the chronic stress of large-scale organizational change. Over two years (2017-18), through cycles of action-learning involving local researchers and managers, the authorial team tracked the stress experienced, the response strategies implemented and their consequences. The paper considers how a set of micro-governance interventions and mid-level leadership practices supported responses to stress whilst nurturing organizational resilience capacities. Data collection involved observation, in-depth interviews and analysis of meeting minutes and secondary data. Data analysis included iterative synthesis and validation processes. The paper offers five sets of insights that add to the limited empirical health system resilience literature: 1) resilience is a process not an end-state; 2) resilience strategies are deployed in combination rather than linearly, one after each other; 3) three sets of organizational resilience capacities work together to support collective problem-solving and action entailed in EHSR; 4) these capacities can be nurtured by mid-level managers’ leadership practices and simple adaptations of routine organizational processes, such as meetings; 5) central level actions must nurture EHSR by enabling the leadership practices and micro-governance processes entailed in everyday decision-making.

Key words

resilience, health systems, institutional analysis, governance, leadership, sensemaking
Introduction

Beyond acute disease shocks, such as COVID-19, health systems are faced with persistent, challenging conditions, or chronic stress (Gilson et al., 2017). Such stress can be generated by the reforms commonly deemed necessary to ensure health systems offer better care and address changing health needs (Agyepong et al., 2017; Berman et al., 2019; World Economic Forum, 2019). The institutional adaptations inherent in these reforms (changes in the norms, practices and structures of meaning that influence how people work together: March and Olsen, 2009), inevitably stimulate uncertainty. Centrally-led health reforms may also bring unexpected and unwanted consequences - such as drug supply failures after devolution (Kenya: Tsofa et al., 2017), and weakened health worker motivation due to results-based financing (Zimbabwe: Kane et al., 2019).

Everyday health system resilience (EHSR) has been proposed as the characteristic of complex, adaptive health systems that allows them to respond to chronic stress in ways that transform how they function (Barasa et al., 2017). Prior explorations of EHSR (Gilson et al., 2017; Kagwanja et al., 2020) are among the few empirical analyses of health system resilience (see also Alameddine et al., 2019). Their unusual organizational and institutional analysis (Currie et al., 2012; Swanson et al., 2015) draws attention to the importance of understanding the health system capacities underpinning EHSR.

This paper adds to health system resilience literature by reporting a study that purposefully and prospectively tested the EHSR framework, as needed to understand the mechanisms
that foster organizational resilience (Duchek, 2020). The paper examines how health managers and staff in one local health system within the City of Cape Town (South Africa) responded to parallel, centrally-imposed processes of organizational change and primary health care (PHC) service improvement. Tracing experience over time (2017-18), the paper illustrates the chronic stress generated by these processes, details what response strategies were implemented and explores what factors supported their implementation. More specifically, it analyzes how the local manager’s leadership and introduction of a set of micro-governance interventions nurtured the organizational resilience capacities that supported stress responses. Over time, some degree of local health system transformation was observed.

Conceptual framework

Informed largely by organizational thinking, the EHSR framework (Figure 1) also reflects elements of cross-disciplinary resilience understanding.

In contexts of adversity, EHSR is revealed in ‘the maintenance of positive adjustment under challenging conditions such that the organization emerges from those conditions strengthened and more resourceful’ (Vogus and Sutcliffe, 2007: 3418). In all human systems resilience lies in the process of acquiring and sustaining the resources needed to function well under stress, rather than the end state itself (Ungar, 2018; Williams et al., 2017). The EHSR framework suggests that health system responses to chronic stress are implemented through i) a combination of leadership and routine organizational processes (Lengnick-Hall
et al., 2011), and take form in ii) strategies of absorption (persistence), adaptation (incremental change), and transformation (longer-lasting systemic change) (Bene et al., 2012).

These responses are, moreover, enabled by iii) the health system’s cognitive, behavioral and contextual resilience capacities, which together support it to notice, and be decisive in developing creative responses to, disruptions (Lengnick-Hall et al., 2011; insert link to online file A, supplementary material). Cognitive and behavioral capacities support each other in collective problem-solving and generating a store of possible actions to draw on when responding to stress, enabling: understanding of environmental developments; making appropriate decisions; and taking necessary action (Duchek, 2020). Contextual capacities, meanwhile, provide the organizational setting in which cognitive and behavioral capacities are enacted and integrated (Williams et al., 2017). They include knowledge, financial, time and human resources, social capital, power and responsibility (Duchek, 2020; Lengnick-Hall et al., 2011; Williams et al., 2017). Together, then, the capacities support the human connectivity, exposure to novel experience, experimentation, reflection and learning more widely recognized as underlying the emergence of resilience (Ungar, 2018). Embedded in open and dynamic systems (Duchek, 2020; Ungar, 2018), the capacities exist pre-stress and are developed through the processes of responding to stress (Williams et al., 2017).

Stress responses generate a combination of iv) positive adjustments and/or undesirable or unsustainable practices (maladapted emergence), that influence health system functionality. As Ungar (2018) notes, recovery from stress is not about bouncing back to the previous normal state as responding to stress introduces new information into the system.
EHSR is instead a measure of how well environmental shocks are integrated and of an individual and collective movement towards a new behavioral state. Rather than being an aggregate of individual resilience, it is derived from the interaction between the health system, system actors and the environment when confronted with stress (Williams et al., 2017).

Methods
Building on our prior collaboration this paper’s authorial team (a local health manager and researchers) continued to work in cycles of action and reflection over 2017-18. We implemented several micro-governance interventions that sought to strengthen the Area’s resilience capacities, learning from our past work (e.g. Cleary et al., 2018). We tracked their implementation and wider system experience over time, through multiple processes of observation, interviewing and secondary data analysis (see Table 1).

>> Table 1 about here

In analysis, a framework approach to thematic coding was applied across data sets (Ritchie and Spencer, 1994). After initial deductive coding around the four dimensions of the EHSR framework, the emergent themes of experience within each, and within their interactions, were inductively coded. Synthesis around these themes involved triangulation across data sets and generated, first, various descriptive outputs summarizing chronic stress, emergent responses and the interventions. Second, several analytic outputs were developed. A graphical representation of the timeline and intensity of chronic stress in Area South allowed selection of the key stressors discussed here. Analytic narratives considered how
the selected stressors impacted on the Area (2017-18), and how the micro-governance interventions supported responses to them and deepened resilience capacities. Summaries of qualitative and quantitative data were developed to explore local health system change over time.

These outputs were, finally, tested and revised through three rounds of validation discussions: within the authorial team; with managers in Area South; and with other City of Cape Town managers. Ultimately, the analytic narrative presented here reflects a synthesized account of experience over time that was crafted from a range of data sets, descriptive and analytic outputs, and has been validated through multiple, iterative processes.

The City of Cape Town municipal authority approved the study and ethics approval was granted by the University of Cape Town, HREC 039/2010.

A potential concern about our approach is that, as a team, we have both led intervention implementation and analyzed the experience. However, roles were partly split - with SE leading implementation and LG, analysis, and we have validated our analysis in several ways. We also offer a detailed report of this experience to promote analytic credibility. SE’s own views and experiences are deliberately presented in combination with a range of other data to show how experience changed over time, and to highlight challenges.
Findings: Area South experiences 2017-18

We present Area South’s experience through a narrative that considers how it unfolded over time, considering each element of the EHSR framework (Figure 1).

1. Context

Established in 2000, the City of Cape Town (CoCT) municipality has constitutional responsibilities that include promoting a safe and healthy environment. In 2017, concerns about performance weaknesses and future challenges led to large-scale organizational changes intended to ensure a well governed administration better able to pursue its economic and social goals (CoCT, 2017).

Through the Organizational and Development Transformation Plan (ODTP) four geographical Areas were delineated, aligning political and service delivery responsibilities to enhance responsiveness to ‘citizen needs’ (CoCT, 2017: 4). Existing service delivery directorates were consolidated into clusters, supported by transversal finance, assets and corporate services. Finally, a new organizational culture framework sought to promote ‘a culture of Customer-centricity’. Together, these changes were intended to decentralize decision-making ‘to empower those who are responsible for services with the authority for those services and to allow our service offering to be as adaptable and responsive as possible’ (CoCT, 2017: 19).
The changes had particular impacts on CityHealth, the directorate responsible for the provision of PHC and environmental health services. It had previously decentralized considerable decision-making authority to eight health sub-district managers and implemented flexible policies to support community-based work. Through the ODTP, CityHealth was moved into the Social Services cluster, with the authority of its head downgraded, from Executive Director (ED) to Director level. The eight sub-districts were, meanwhile, merged into the four newly-created Areas. New Area managers began work on 1 January 2017, and a new Director, in May 2017. Together they were responsible for navigating CityHealth through the early stages of ODTP implementation whilst strengthening service delivery.

2. **Chronic stressors**

Area South is comprised of two former sub-districts (sds). Mitchell’s Plain (MP)-sd includes some of Cape Town’s poorest communities, has experienced recent, rapid population growth and, given its population size, is relatively poorly resourced. Southern (S)-sd covers a large geographic area, is home to a population characterized by stark economic divides, and offers PHC services from more, mostly smaller, CityHealth facilities than MP-sd.

Over 2017-18 the Area faced various recurring challenges that presented as chronic stress (chronic stress analysis; researcher diary), with two standing out as most frequently and intensively demanding staff attention: ODTP implementation and directives to improve PHC facility services. Both were exacerbated by the underlying organizational culture.

**The ODTP: Uncertainty and recentralization**
The new Area manager took up her appointment just after ODTP implementation, a time of great uncertainty - especially in S-sd where managerial transition had been experienced by staff as quite traumatic (SE interview, 22.07.2017). Previously the MP-sd manager, she also became responsible for over double the number of clinics (25, from 10) and staff (363, from 183 clinic staff; 58, from 28 environmental health staff).

After six months, SE expressed concern about the increased inflexibility of decision-making post-ODTP, ‘sticking to the letter of policies’ and reversing established CityHealth practice (interview, 22.07.2017). After twelve months, she noted the year had been difficult for all staff - getting to know each other in a challenging environment - whilst she had ‘never been so hamstrung in my life … everything has to go through huge numbers of bureaucratic steps. 2 or 3 levels of signatures to get anything done…Everybody’s very scared to sign anything... there is constant interference, with no idea how services work’ (interview, 31.01.2018).

Three critical managerial processes became more rigid after the ODTP (Box 1), with impacts felt across the Area. First, delays in filling staff vacancies resulting from the centralization of decision-making led to higher workloads for all staff. Second, staff experienced the tighter implementation of the Time and Attendance (T&A) policy (monitoring working hours and practices) as an expression of distrust in them by CoCT management (researcher diary, 09.09.2017; SE interview, 21.08.2019). Third, procurement challenges particularly frustrated PHC facility managers. After one year SE judged that the ODTP ‘just isn’t working… there seems to be a dysfunctional mix of decentralization to areas with recentralization [of core management processes]. It was thought that ‘political oversight of a client focused approach could be the driver of change’, but there’s been no progress’ (interview, 31.01.2018).
PHC service delivery pressures

Addressing the apartheid legacy of limited service provision is a long-standing challenge for CityHealth, although over time it has expanded its PHC service package better to meet health needs (Gilson et al., 2014).

2017 brought additional pressures (SE interview, 31.01.18; 04.07.18). The Western Cape provincial government added postnatal care (PNC) to its prior request that all CityHealth clinics provide Basic Antenatal Care (BANC). The Executive Mayor’s focus on wellbeing and lifestyle placed particular attention on neglected chronic disease services, and the ODTP emphasized general service delivery improvement. National Health Insurance policy proposals stimulated wider quality improvement efforts, as they suggested only facilities meeting quality standards would, in future, be contracted to provide care. The new CityHealth Director encouraged clinics to prepare for NHI by expanding their service package, whilst the Ideal Clinic (IC) program established nationwide quality standards for all facilities. The latter brought additional stress as ‘there is so little room to manoeuvre within the processes’ (SE interview, 04.07.18). In early 2018, moreover, poor assessments against the IC quality standards led to concern that any PHC facility not compliant with these standards would be closed (SE interview, 31.01.2018).

Organizational culture
The apartheid legacy of a hierarchical, authoritarian and rigidly, procedural bureaucracy (von Holdt, 2010), has resulted in passivity and negativity among PHC facility managers, including resistance to the population-focused imperative of PHC improvement (Gilson et al., 2014).

In S-sd there was a ‘culture of acceptance of top down imperatives’ (SE interview, 02.07.2018). In contrast, in MP-sd, there were emerging signs of the organizational re-culturing needed to support PHC improvement - including trust between managers and staff and more pro-active decision-making (MP-sd senior manager interviews, 2017). However, the ‘dominance of bureaucratic management and accountability processes’ that demand compliance with service delivery targets was still an obstacle to maintaining new ways of working in the sub-district (Cleary et al., 2018: ii73).

3. Responding to chronic stress

On appointment, the new Area manager immediately sought to offset the ODTP-linked anxieties and build the positive team spirit needed to manage stress and strengthen services (interview, 22.07.2017). Drawing on prior experience, she demonstrated enabling leadership practices (MP-sd senior manager interviews, 2017) as well as introducing a set of micro-governance interventions within pre-existing governance structures. These interventions comprised a common set of principles and practices (Box 2) embedded within various existing and new regular meetings, and in supervision (support and mentoring (S&M)) visits to PHC facilities (insert link to online file A, supplementary material).

Influencing the way all engagements with staff were managed, the principles and practices sought to create safe spaces for reflection, dialogue and learning, as well as to encourage
teamwork and shared responsibilities and leadership. The ultimate goal was to nurture collective problem-solving around the Area’s challenges and collective responsibility for strengthening services better to meet community needs.

>> Box 2 about here

Although not always easy to manage, the interventions gained traction over time. The Area Management and Communications Meeting (AMCM), attended by all PHC facility and senior managers (for PHC, environmental health services, pharmacy management, administrative and information services), and the ‘Think Tank’, attended only by the senior managers, became anchoring meeting spaces. Within the AMCM, the new meeting processes were sustained over time, albeit with some challenges, and participants became increasingly engaged and active within it (Box 3). The Think Tank minutes show that it created a shared space of reflection and support for senior managers that contrasted with their previous experience of isolated working. Early in its life, one manager noted: ‘I love it, it is very on point. You, we have that certain period of time that we’re given and we stick to it, and, uhm, if we have any challenges as well then it can be sorted out there and then. And the rest of the team also can offer support and to see, ok, how can we manage this’ (interview, 25.10.17).

>> Box 3 here
Critically, the new micro-governance interventions enabled engagements among Area staff and managers which, in combination with the Area manager’s own leadership, supported the development and implementation of strategies to manage chronic stress.

1/Absorptive/Adaptive strategies: ‘What's not in our control? How do we buffer?’ (SE interview 04.07.2018)

The rigidity of managerial processes that resulted from ODTP implementation was repeatedly discussed within meetings to support managers in coping with, and adapting to, this challenge.

Within the Think Tank, senior managers shared their frustration at the new directives - and then developed responses. The tightened T&A policy procedures were, for example, discussed in each of the six meetings Nov-Dec2017 (minutes’ analysis) - leading to the development of standard operating procedures (SOPs) for all staff involved in community-level work or required to travel during working hours.

The T&A policy as well as the new staff appointment processes were also discussed in 6/16 AMCM meetings, May2017-Nov2018 (minutes’ analysis). Information was shared and the discussions also supported the development of collective understandings among facility managers around: common problems (e.g. the time taken to fill staff vacancies, 20.07.2017); ways of addressing them (e.g. Area processes for managing vacancies, 28.02.2018); and higher-level guidance (e.g. Area-specific guidance within the T&A policy parameters, for staff legitimately working offsite, 30.11.2017).
The Area manager, meanwhile, continuously encouraged her colleagues to problem-solve. In mid-2017, a new approach to shortlisting candidates was established to reduce appointment delays (SE interview, 02.07.2018). In late 2018, a new, weekly meeting with PHC facility managers encouraged greater understanding and ownership of the T&A policy (especially among newly appointed managers) and generated solutions to the challenges (SE interviews, 18.12.2018, 21.08.2019). In relation to procurement, the Area manager worked closely with other senior managers from the start of the financial year to address facility managers’ needs and avoid losing unspent budget. She also worked up the system, repeatedly raising HR challenges, for example, with the CityHealth Director in one-on-one meetings and wider management meetings, and requesting greater procedural flexibility (HMT report-back, 04.04.2018).

2/ Transformative strategies: ‘What’s in our control? How do we do better?’ (SE interview 04.07.2018)

Although service improvement pressures came from higher levels, the Area manager saw the ODTP as an opportunity to focus on better meeting population health needs (SE interview, 22.07.2017). By 2017 MP-sd had rolled out the provision of ART and BANC services across 8 out of its 9 clinics, but wider service expansion was needed. S-sd meanwhile had to ‘catch up’ as it did not offer BANC or ART services from the majority of its facilities, which were quite poorly maintained (SE interviews, 22.07.2017, 02.07.2018).

Working through the various Area governance processes, SE sought to develop a collective and transformative response to these service delivery pressures and needs. She wanted to ‘try to create a culture that embeds this question [how to meet the needs of poorer
communities] into the routines of the Area as a whole, and to build ownership of it, because it is the right thing to do’ (interview, 22.07.2017). For example, during early 2017 S&M visits to larger S-sd facilities, she asked purposeful questions about the surrounding communities’ needs and used facility data to show that expanding services did not imply significant workload increases (interviews, 22.07.2017, 31.01.2018). The 2017 strategic planning meeting then supported managers to identify priority activities for the following year - instead of, as more common, simply complying with centrally-imposed service delivery targets and standards (Cleary et al., 2018). The Area’s simple priority-setting template (Box 2) guided managers to think through what they wanted to achieve in their own settings, within broad CityHealth goals, and reflect on how to address implementation challenges (SE interviews, 22.07.2017, 02.07.2018; MP-sd senior manager interviews, 2017). Its repeated use in subsequent AMCM ‘strategic priority’ report-backs only reinforced these new ways of thinking.

Service delivery challenges were also discussed in 9/16 AMCM meetings alongside service, budget and staffing data (minutes analysis, May2017-Nov2018), with the aim of developing the collective mindset that ‘service change is possible’ (SE interview 22.07.2018). Three dedicated AMCM discussions (Aug-Sept 2017, April 2018; insert link to online file A, supplementary material) focused on service expansion. The researcher diary identified some challenges in the way these discussions were structured (see also Box 3), and that facility managers had not clearly engaged their own staff about the issues; but, over time, managers became more active in the meetings. For example, in September 2017 one small group considered geriatric service provision challenges: ‘[the] discussion throws up quite a few ideas; and the suggestion that ‘we need to talk more with each other’; it was a good
discussion’ (researcher diary, 27.09.2107). In April 2018, moreover, the managers compared the difficult, but successful, roll-out of PNC with the failure to provide geriatric care and identified steps to strengthen future service expansion (AMCM minutes). Finally, repeated discussion within the AMCM and Think Tank of PHC facility staffing challenges (minutes’ analysis) informed the location of new pharmacy posts - and by April 2018 improvements in pharmacy support were noted (researcher diary).

AMCM service delivery discussions were followed-up in SE’s one-on-one meetings with other senior managers, who in turn followed up with PHC facility managers and doctors. A dedicated manager was also assigned to support facility managers in preparing for IC assessments in 2017. In 2018, S&M visits focused on encouraging staff in larger facilities to think how to improve towards IC standards, although SE was concerned that an audit, rather than supportive, supervision style was applied (interviews, 04.07.2018, 21.08.19).

The final element of response to service delivery stressors was, again, the Area manager’s own leadership. She repeatedly raised the challenges of expanding and strengthening service provision and the need for more resources with the CityHealth Director and colleagues. MP-sd, in particular, fell short of the City-wide staffing norms for providing comprehensive services (researcher diary, 27.09.2017). The CityHealth Director also engaged up the system to press the case for more resources. From January 2018 all CityHealth Areas received additional annual capital budgets for minor upgrades/equipment to support IC implementation (representing a more than 40-fold increase in the Area budget). Other once-only budgetary increases were also received, including from reallocating unspent budgets from elsewhere in the Social Services Cluster.
4. **How did the micro-governance interventions nurture the resilience capacities?**

As well as supporting the implementation of stress response strategies, the micro-governance interventions nurtured and deepened the inter-linked EHSR capacities (Table 2).

At one level, the interventions worked to counter the underlying organizational culture resisting PHC improvement. The priority-setting template (Box 2), for example, supported local goal-setting over compliance with targets from higher levels, whilst, for the Think Tank, ‘the name is important as it frames the meeting. We don’t think normally’ (SE interview, 02.07.2018). Unlearning dysfunctional behaviors (*behavioral capacity*) was necessary and difficult. Simply not having an agenda for the Think Tank was unusual; and, in the AMCM it took months to give up the habit of reviewing the previous meeting’s minutes and checking off matters arising (researcher diary).

At the same time, Area South managers and staff were regularly brought together to pro-actively manage chronic stress by thinking and planning across organizational/professional silos and hierarchies (*contextual capacity*). This teamworking provided opportunities for collective reflection and problem-solving through positive and constructive sensemaking (*cognitive capacity*), enabling collective inquiry (*behavioral capacity*) and the development of the shared mindsets (*cognitive capacity*) underpinning implementation of response strategies. Using the priority-setting template, for example, encouraged pro-active and forward-looking mindsets (*cognitive capacity*). Meanwhile, being prepared (*behavioral capacity*), through discussing how to use additional staff and capital resources in the AMCM and Think Tank, enabled decision-making. The intervention names (e.g. Think Tank) also
encouraged a pro-active orientation (*cognitive capacity*). Finally, the useful practical habits (Box 2) introduced into the meetings worked to support development of strong, positive organizational relationships (*behavioral capacity*), as well as to diffuse power and enhance a willingness to share concerns among staff groups (*contextual capacities*).

>> Table 2 about here

The deepening of collective capacities over time was illustrated by researcher observations of the AMCM (Box 3). Facility managers themselves also noted that these meetings became more useful over time (researcher diary, 26.07.18). By the end of 2018 they were: ‘... *engaging and speaking up even in discussions... Each group have taken exercise really seriously and thought carefully. Discussions allow groups to learn from each other.... Lots of engagement and thought, laughter... Good example of sensemaking process*’ (researcher diary, 29.11.2018).

The interventions were not, however, instrumental in developing the relationships through which additional resources were secured (*contextual capacity*). Instead, the Area manager and CityHealth Director used their formal, bureaucratic relationships to argue for relaxing constraining procedures and additional resources. The wider context also supported additional resource allocations. SE noted, for example, that being part of a broader service cluster post-ODTP enabled CityHealth’s access to unspent resources in other Social Service departments (interview, 18.12.2018). Ultimately, additional resources brought some slack to the system, including positivity, which itself supported service expansion and improvement.
5. **What are the signs of system resilience emerging over time?**

At the end of 2018, the story of Area South was still unfolding. However, three signs of system resilience were noted - indications that it had emerged from the 2017-18 period in a new behavioral state, ‘strengthened and more resourceful’ (Vogus and Sutcliffe, 2007: 3418).

First, an Area-wide team had developed - who had good relationships, a largely positive outlook, and who pro-actively engaged in problem-solving. Whereas in July 2017 there was a clear sense of ‘us and them’ in the AMCM between the two sub-district staff groups, by November 2017 there was a ‘...real sense of positivity, team spirit in Area as a whole... unity, coming together as a district’, ‘can see we now are moving forwards as one’” (researcher diary, 30.11.2017). Just getting through the first year provided the platform of relationships on which to move forward: ‘we survived the year and don’t feel deflated. In fact, we are stronger’ (SE Interview 31.01.2018). Yet whilst progress had been made in S-sd, challenges had emerged in MP-sd (SE interview 31.01.2018); but by July 2018 SE judged that her team was working better across their silos and that staff were more relaxed in meetings (interview, 02.07.2018; Box 3). The emergence of a strong, pro-active team was demonstrated at year end. In the face of funding and bureaucratic challenges, the facility managers themselves organized the annual staff awards ceremony which they judged very important for staff morale. From her vantage point, the CityHealth Director also noted that ‘things are done differently in Area South’, with positive service delivery consequences.
Second, by 2019, nearly three years after its implementation, SE judged that the impacts of the ODTP on core management processes had been managed (interview, 21.08.2019). Various system adjustments had been implemented to support organizational functioning. These included changes in human resource management processes that brought the system back to pre-ODTP practices (e.g. authority delegations allowing the CityHealth Director to approve staff shortlists and appointments: AMCM minutes, 27.09.18) or strengthened practice by distributing responsibility more widely (e.g. for T&A policy implementation). New procurement practices also represented an improvement on the past - leading, for example, to improved maintenance of S-sd facilities.

Third, cross-facility discussions at the AMCM appeared to have enabled staff commitment to PHC improvement and, with additional resourcing, service extension. By Jan 2018 SE judged that a culture of talking about needs and priorities was emerging, even at facility level and despite weak engagement of staff by managers. S-sd staff were, in particular, feeling more valued (SE interview 31.01.2018). In July 2018, SE noted that AMCM discussions had allowed managers to share experience, learn from each other, review the relevant data and begin ‘thinking that it is possible’, rather than resisting the top-down instruction to implement new services (interview, 02.07.2018). This was confirmed by the PHC facility managers, who observed in the July 2018 AMCM that many of the issues previously discussed had been implemented. This included BANC and PNC provision, ART in some clinics, as well as geriatric screening in some places, hypertension and diabetes care (researcher diary, 26.07.18). Routine data support these assessments (Table 3) - and demonstrate that further efforts were needed in S-sd, in particular, as well for chronic services across the Area.
The IC programme may also have supported PHC improvement. SE judged that it had encouraged Area-wide review and reflection, including peer support (interview, 04.07.2018). However, it imposed considerable stress on PHC facility managers and had required direct support from the Area level. She was also concerned about its potential to generate ‘maladapted emergence’ (interview, 04.07.2018). Its audit and compliance approach, for example, might have demotivated staff - especially because some established targets simply could not be achieved. It also encouraged compliance above improvement (e.g. leading equipment to be moved between facilities during the audit process, to meet standards). In resilience capacity terms, then, it is possible that the IC process may have directed learned resourcefulness towards managing short-term needs, as well as crowded out the creative ingenuity and other cognitive capacities required to enable sustained service transformation over the long term.

Discussion

This analysis of a South African meso-level health system illuminates the chronic stress generated by centrally-led, large-scale organizational change. In Area South, as elsewhere (Roman et al., 2017), a re-structuring that ostensibly sought to decentralize decision-making to those responsible for service delivery, actually entailed a centralization of authority. In this case, it intensified the pre-existing hierarchical and rigidly procedural organizational culture. The re-structuring was accompanied by multiple policy demands to
expand and improve PHC services. Responding to the twin pressures of organizational change and service improvement within a constraining organizational culture placed huge burdens on frontline staff and managers, even as positive adjustments were observed. It is also unclear what level of PHC improvement could have been achieved in this period without the burdens of organizational change.

Such persistent, challenging conditions, chronic stress, are an everyday reality of health systems. They include changing patient expectations and demands, staff absenteeism, budgetary constraints, cross-level managerial tensions and the politicization of health system experience (Felland et al., 2003; Gilson et al., 2017; Kagwanja et al., 2020; Lembani et al., 2018). Health systems manage these chronic stressors even as they seek to improve. Consequently, they face the challenge of how to respond to chronic stress in ways that enable transformative systemic change, rather than bouncing back to a prior state of weak functionality. This is the system characteristic termed everyday health system resilience (Barasa et al., 2017).

Purposefully testing the EHSR framework in analyzing Area South’s experience offers five sets of insights that add to the limited empirical knowledge base, and address the knowledge gap around needed organizational and leadership capacities (Williams et al., 2017).

First, this analysis illuminates the theoretical insight that resilience is a process (Duchek, 2020; Ungar, 2018; Williams et al., 2017) by presenting a chronological, narrative analysis of institutional change over time in one relatively small-scale health system. As shown here,
institutionalizing the new principles and practices intended to nurture collective problem-solving and collective responsibility for service improvement occurred took time. By 2019 there was evidence and wider recognition that Area South had nurtured a stronger collective approach to tackling challenges, with positive impacts on PHC service provision. However, the foundations for this change lie in earlier rounds of action research supporting new practices of reflection, learning and distributed leadership within one part of the Area’s health system (Cleary et al., 2018; Gilson et al., 2017). In addition, alongside the positive adjustments observed were some hints of the possible ‘dark side’ of resilience (Gilson et al., 2017; Williams et al., 2017; Kagwanja et al., 2020). These included the burdens borne by all staff in responding to change, possible opportunity costs in terms of PHC improvements and concerns about the Ideal Clinic program. Resilience, like institutional change, is, then, an emergent and dynamic process (Alameddine et al., 2019).

Second, Area South’s experience confirms other studies’ conclusions that response strategies do not linearly evolve from absorption through adaptation to transformation but are deployed at the same time. They may, as in this experience, address different stressors, or be deployed against the same stressor by different actors (Kagwanja et al., 2020) or, as suggested here and by Alameddine et al. (2019), be relevant to different time horizons (with transformative strategies supporting more fundamental, longer-term change). Importantly, however, as noted previously (Gilson et al., 2017), absorption of stress by individuals does not itself demonstrate the collective resilience entailed in EHSR.

Third, this analysis deepens understanding about the system capacities that are entailed in resilience. They not only support the processes broadly recognised to contribute to
resilience - such as anticipation, coping and adaptation (Duchek, 2020), or persistence, resistance, recovery, adaptation and transformation (Ungar, 2018) - but also, as demonstrated in Area South, enable the unlearning of dysfunctional organizational behaviors.

The contextual capacities supporting EHSR include organizational relationships and networks that can be nurtured through leadership practices that bring people together across organizational silos, as in the AMCM and Think Tank (itself, unlearning). The Area South experience also illustrates the importance of diffused power (Kagwanja et al., 2020), and emphasizes the need, to nurture an enhanced sense of safety to speak up and take risks in such spaces (again, unlearning) (Chamberland-Rowe et al., 2019). Research on organizational culture and improving clinical outcomes in hospitals, similarly, points to the role of leaders in fostering a learning environment, ensuring that staff feel psychologically safe and able to speak up when things go wrong; as well as deliberate management of conflict and motivation, and enabling coalitions across disciplines and levels of the hierarchy (Mannion and Smith, 2018).

In addition, the Area South experience illuminates the theoretical understanding (Williams et al., 2017) that contextual features both enable the development of, and, as shown empirically (Kagwanja et al., 2020), are integrally linked with, other resilience capacities. For example, nurturing teamwork within the Area provided the context that enabled the development of collective sensemaking and the problem-solving behaviors also needed to implement stress responses. Collaboration between managers and researchers, meanwhile, supported a continuing process of action-learning that itself nurtured other resilience
capacities. As Sharp et al. (2018) argue, appreciative action research enables change in mindsets and relationships, hopefulness in the face of complex demands, a new language that expands opportunities, as well as nurturing ownership of ideas (see also Gilson et al., 2017; Kagwanja et al., 2020; Tetui et al., 2017).

These cognitive and behavioral resilience capacities were, moreover, purposefully nurtured by the micro-level governance interventions introduced in Area South. Although challenges were experienced, new practical habits were sustained over time and reinforced by spreading to new meeting spaces. These simple adaptations of meetings and supervisory engagements supported relationship-building, collective sensemaking, shared mindsets of problem-solving, creativity, and underpinned the implementation of stress responses. The new practices stimulated positivity, spread power, enabled engagement, and provoked new ways of thinking. They also, as noted, supported the unlearning of some old ways of being—such as working in silos, managerial passivity and the tendency to wait for instructions from above.

Although the particular role of sensemaking in producing or inhibiting change, and in enabling new ways of organizing, is acknowledged in wider literature (Maitlis and Christianson, 2014), there are few reported health system experiences. Jordan et al., (2009), for example, consider the role of impromptu conversations in supporting sensemaking and encouraging self-organization among agents within US primary care. They suggest that the work of organizational change is not about designing new structures but about introducing new themes into organizational conversations. Confirming the Area South experience, they argue that local managers can enable such conversations by creating time and space where
they can unfold, as well as supporting conversations that allow people to manage uncertainty and re-shape relationships. Such conversations may, then, support the collective mindfulness thought to fuel organizational resilience (Williams et al., 2017).

Fourth, addressing a recognized knowledge gap (Williams et al. 2017), Area South’s experience confirms the importance of distributed leadership for EHSR (Gilson et al., 2017). Mid-level managers are themselves in a critical position to nurture resilience capacities. Situated between the centre and the frontline, they can clarify central visions and directions, support collective sensemaking and coordinate integrated responses when instability arises (Chamberland-Rowe et al., 2019; Rouleau, 2005). Canadian health reform experience illustrates this important conceptual work, highlighting mid-level managers’ role in building relationships, trust and collaboration to support implementation (Cloutier et al., 2016).

As shown in Area South, mid-level managers can role-model leadership practices that both deepen the health system software recognized as important for resilience (Gilson et al., 2017; Kagwanja et al., 2020) and distribute leadership. Listening, being respectful, allowing others to lead and creating spaces for learning from experience are important practices of leadership in complexity and for resilience (Belrhiti et al., 2018; Petrie and Swanson, 2018). These managers can strengthen the commitment and motivation of staff to innovate, learn, adapt and transform. In addition, the Area South manager did two other things acknowledged to support resilience in complex systems (Chamberland-Rowe et al., 2019; Petrie and Swanson, 2018). Alongside the CityHealth Director, she worked up the bureaucracy to leverage some slack in the system - specifically, a relaxation in compliance
demands and additional resources for PHC improvement - and she pro-actively sought to use data to nurture system awareness.

Fifthly, these experiences offer pointers to the forms of central level action needed to nurture EHSR. Commonly, health system strengthening is seen as a centrally-led initiative (e.g. Berman et al., 2019) and some argue that purposeful reform design can generate relevant institutional change (e.g. Bertone and Meessen, 2013). Others argue that building system robustness is the first step to resilience - perhaps by creating the organizational, legal and regulatory environments that enable adaptability at meso and micro levels (Chamberland-Rowe et al., 2019). However, complexity theory and wider experience suggests that reform design cannot by itself direct institutional change (Cloutier et al., 2016), and the sequencing of top-down/bottom-up action is less important than paying attention to both (Swanson et al., 2015). Central level actions must enable complex health systems to self-organize towards agreed goals. Such actions could include: adapting the boundary conditions influencing the system (Petrie and Swanson, 2018) e.g. in Area South relaxing compliance demands and resource challenges; decentralizing authority, unlike in Area South, to allow local level leaders to reward experimentation (Cloutier et al., 2016); and, as demonstrated in Area South, supporting the development of relational leadership skills among future mid-level and senior managers (Gilson and Agyepong, 2018). Unlike centrally-led, large-scale governance reform, these actions seek to strengthen health systems by enabling the micro-governance processes and leadership practices underpinning everyday decision-making.

Conclusions:
This paper illuminates the dynamic nature of health systems and the chronic stress they routinely carry. It confirms previous insights about EHSR - recognizing it as a process encompassing multiple strategies, and acknowledging responses to stress that both nurture and may harm system functionality. It adds insights about the critical role of mid-level managers in spreading leadership - and, importantly, about the micro-governance interventions such managers can introduce to nurture resilience capacities. These lynchpin figures play critical roles in nurturing resilience. The paper, then, also calls for new forms of centrally-led action that include the development of system-wide leadership to seed and sustain innovation in the micro-practices of governance. Nurturing everyday health system resilience and sustaining transformative change demands combined bottom-up and top-down action.

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Figure 1: The everyday health system resilience (EHSR) framework

Table 1: Data collected

| Data collected                                                                 | By whom              |
|-------------------------------------------------------------------------------|----------------------|
| Notes & transcripts: 3 in-depth interviews, 2 group discussions               | LB, UL & 2 colleagues |
| Mitchell’s Plain senior managers (2017)                                       |                      |
| Transcripts & Notes: 6 reflective conversations with SE (approx. 20hours) (2017-2019); regular informal conversations (2017-18) | LB, LG, UL           |
Researcher diary: observations, 13/16 AMCMs (process, staff participation, discussions, critical incidents, informal conversations) (May 2017- November 2018) (further notes, April 2019)  

A4MCM minutes: summaries of process & key issues raised, 16/16 meetings (May 2017- November 2018)  

Think Tank minutes: summaries of process & key issues raised, 22/23 meetings (2017-18)  

Summaries of feedback from CityHealth Management Team (HMT) meetings to Area South (2017-18)  

Routine data  

| AMCM= Area Management & Communication Meeting |
|----------------------------------------------|

**Box 1: Re-centralization and rigidity post-organizational change**

(sources: SE interviews 22.07.2017, 31.01.2018)

1. **Staff appointments:**
   - Previously, CityHealth appointments fast-tracked within 3-4 months, to manage frequent staff turn-over;
   - post-change:
2. **Time and Attendance (T&A) policy:**

- Previously, staff required to:
  - clock in/out of assigned workplace once/day;
  - secure advance approval for leave requests (e.g. for training; annual leave)

  >> salary deductions imposed for unauthorized work absences, including approved leave days not timeously/correctly recorded;

- post-change, policy more rigidly implemented:
  - staff required to clock in and out *every time* leave workplace, each day, and to provide evidence of activities outside workplace - very difficult for staff conducting community activities;
  - period for checking/correcting leave records (to avoid salary deductions), reduced from 6 weeks to 5 days (Think Tank minutes 03.10.2018);
  - ignored limited computer access in PHC facilities, preventing staff from submitting leave requests and checking leave records

3. **Procurement processes (equipment and supplies):**

- post-change:
more tightly controlled at centre, slower process:

- PHC facility managers sometimes received no feedback about orders
- difficult to spend available funds timeously, so risk losing budget at end of financial year

PHC = primary health care

Box 2: The principles and practices of the micro-governance interventions
(sources: SE interviews 22.07.2017; 02.07.2018; researcher diary)

Core principles:

- be positive
- value people
- listen to others & ask questions in ways that allow others to make contributions
- share own challenges

Common practices:

1) Rotate meeting chair - to share responsibilities and power
2) Manage time pro-actively - set clear timeframe for meeting/each agenda item; have dedicated timekeeper

3) Rounds - each person makes brief response to common question:
   - Positive rounds - question allows positive responses, generates laughter; often not related to meeting subject e.g. what made you smile today? what are you passionate about?
   - Appreciation rounds - each person offers brief appreciation of neighbor, shared with all present
   - Collaborative inquiry rounds - collective reflection on important question for all e.g. what one thing from last year’s strategic planning should be continued this year? how do you think we should spend the extra capital budget received?

4) Thinking Pairs - approach to collaborative inquiry and listening:
   - Around a common question, each person in pair has few minutes to talk/think whilst the other person listens attentively
   - perhaps followed by a ‘round of freshest thinking’ - each person raises key new insight in plenary round

5) Small group discussions - questions posed to small groups, who think together and feed back ideas generated to all
6) **Pro-actively looking forward**—for example, template for facility-level priority setting asks, for each priority: what would success mean? what actions can be taken to achieve success? and, for periodic reflection, what challenges have been experienced in implementation?

7) **Using information pro-actively**—to identify problems and support solution development

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**Box 3: Reflections on the Area Management & Communication Meeting experience**

**Managerial reflections:**

- **Challenges:** considerable preparation/planning; senior managers not taking responsibility for ensuring productive meetings; only some facility managers willing to take the risk of decision-making; post-meeting follow-up not strong (SE interviews, 02.07.2018, 18.12.2018).

- **Achievements:** meeting management improved over time; strategic issues discussed; staff relaxed & relationships developed (SE interviews, 02.07.2018, 18.12.2018).

**Researcher diary (observations 2017-2018):**
• some new habits adopted quite easily (e.g. rotating chair, timekeeper, rounds); others take time to die (e.g. reviewing minutes)

• over time, meetings become shorter & more focused

• time spent on reporting back from HMT meeting varies, but can be lengthy & with limited discussion (regarded as important information-sharing)

• small group discussions often not well planned, but do happen, allow some engagement & can be positive

• over time - see improved positivity & engagement among participants; senior managers become more involved; YY becomes less dominant but still supportive

Think Tank members (from minutes):

• Good that not discussing matters arising in meeting, keeping focused with time limits (but small group discussions not well managed), 12.09.2017

• Time well managed, discussing business plans keeps all informed of what’s happening in facilities, enjoyed group discussions, 08.11.2017

• Discussions show clinics trying to implement strategies & give good overview of best practice at facilities, 04.11.2018
Table 2: How the micro-governance interventions developed the resilience capacities

| Cognitive capacities | Behavioral capacities | Contextual capacities |
|----------------------|-----------------------|-----------------------|
| **Intervention names** | Across interventions, new useful habits (e.g. Box 2) | Deliberate actions taken to generate the psychological safety enabling staff engagement in meetings |
| **signal positive and constructive orientation**, intended to influence understanding of purpose (constructive sensemaking) | bring positivity to discussions, allow collaborative thinking, & support reflection/learning (for AMCM, Think Tank, includes reflection about them) - | Examples: the AMCM/Think Tank allow uncertainties and concerns to be shared (SE interview, 02.07.2018); preparation for meetings (e.g. through the Think Tank for the AMCM); use of positive rounds & appreciation (useful, practical habits, Box 2) liked by staff (MP-sd senior manager interviews, 2017) |
| **Examples:** ‘strategic planning’ is pro-active & forward looking; communication central to management (AMCM); ‘support & mentoring’ rather than audit visits | and commonly represent counter-intuitive acts, requiring the unlearning of dysfunctional behaviors (usual routines) | |
| **Specific intervention features support constructive sensemaking, i.e. being pro-active and reflective** | Bringing together teams cutting across organizational/professional silos & hierarchies within interventions both a useful, | Approaches to diffusing power and accountability embedded in interventions (Box 2), |
| Examples: establishing timelines for follow-up after supervision and mentoring visits; embedding statement of purpose in AMCM Agenda | practical habit & key mechanism to enable collaborative inquiry and reflection (feeding back into cognitive capacities' development) | offset view that facility managers have limited decision-making role (SE interview, 22.07.2017) |
| --- | --- | --- |
| By engaging staff groups, interventions supported development of *shared mindsets* towards collective problem-solving & population-orientation; and sustained the interventions | Some interventions (strategic planning, AMCM & Think Tank) supported the development of *learned resourcefulness* and *creative ingenuity* (reflected in the stress responses) | Various intervention routines (Box 2), together with *respectful engagement* (a useful habit), enabled *social capital* development - relationships within organization, that, in turn, support collective working. |
| Interventions supported *being prepared* - both by *unlearning* & being ready to take advantage of emerging situations |  |  |
| Example: pro-active engagement with health information data across interventions demonstrated that service expansion was possible, & encouraged data use (SE interviews, 22.07.2017, 31.01.2018). |

AMCM=Area Management & Communication Meeting
### 1: System resilience capacities

| Capacity set | Cognitive capacities | Behavioral capacities | Contextual capacities |
|--------------|----------------------|-----------------------|-----------------------|
| Overall description | Enable an organization to notice, interpret, analyze, and formulate responses to unfamiliar, evolving situations; contribute to the generation and selection of action alternatives and to an organization’s decisiveness in initiating activities | The honed and rehearsed actions that become part of an organization’s innate reaction to disruptive conditions, drives the development of particular routines, resource configurations and interaction patterns that implement organizational responses | The network of interactions and resources that provide the backdrop for an organization’s response to disruptive conditions |

**Key elements**

- a. adopt positive, constructive orientation - through sense of purpose, values, deliberate use of language - to frame conditions in ways that enable problem-solving & action
- b. develop constructive sensemaking - to interpret & provide meaning of situations
- c. develop shared mindset - to enable organization to move forward with flexibility, being creative but doing feasible
- d. develop learned resourcefulness, ingenuity - the disciplined creativity needed to devise unconventional yet robust responses to stress
- e. act counterintuitively in relation to normal organizing habits
- f. but, in contradiction to the previous, develop useful, practical habits - habits of investigation, collaboration, flexibility that become first response to unexpected events
- g. be prepared, by making investments before needed & unlearn dysfunctional behaviors - to ensure organization can benefit from emerging situations
- h. generate psychological safety, organizational context conducive to taking risks (e.g. risk of being seen as incompetent, ignorant)
- i. develop social capital - through respectful social interactions within the organization - e.g. to share tacit knowledge, work across organizational boundaries, develop support networks
- j. diffuse power & accountability - to support self-organization, learning & facilitate cognitive & behavioral capacities
- k. use relationships to secure needed resources - to ensure e.g. slack in the organization, extend range of feasible actions

**Sources:**

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## 2: Details of new Area South micro-governance interventions

| Intervention | Intended Purpose | Structure & Form |
|--------------|-----------------|-----------------|
| Area Strategic planning (1 whole day plus half day Area meeting), Initial meeting Feb 2017; subsequent meetings 2018, 2019 | To: build relationships among new area-wide Team; create a safe space; signal doing things differently; engage staff around planning & build collective responsibility for serving communities | 2017 meeting  
*Pre-planning with senior & PHC facility managers, to support managers in developing strategic priorities for own facilities using simple priority-setting template*  
*Started with a positive opening round to hear all voices, relax people*  
*SE made an initial input on CoCT priorities & new vision*  
*Developed Area vision and mission together in meeting*  
*Structured initial meeting around rounds to engage all*  
*S-sd facility managers presented their priorities in later meetings*  
*Inputs made by everyone: sessions facilitated by managers; managers presented; others commented*  
*Lucky draw approach - draw names out of the hat to determine who would comment on which presentation* |
| Supervision & Mentoring (S&M) visits, 2017-18 | To: get to know new facilities & staff; understand challenges; establish what support need & deadlines for action to address challenges identified | Area management visits a facility as a team for several hours, adopting constructive attitude  
*Deliberately identify positive experience to comment on with all staff, to motivate staff*  
*After visit send email identifying areas where action needed and follow-up in additional, separate visits*  
*S-sd facilities visited 2017; larger facilities across the Area visited in 2018, as part of Ideal Clinic implementation process* |
| Stressors Must Fall groups, early 2017 | To: develop solutions to critical management problems affecting facilities | New, temporary, self-led working groups comprised of Area and facility managers from both former sds, with focus on: key human resource management issues; programme issues, support staff needs, environmental health issues  
*Expected to report back to Area meeting*  
*Groups were not sustained over time - perhaps because too different from usual practices* |
| AMCM meetings, from early 2017 | To: build relationships; create a learning platform; get facility managers thinking & involved in solving problems; generate collective ownership for services & implementing service improvements for community; role model | Monthly meeting of all Area managers, including Chief/Principal environmental health officers, health promotion officers, health information officers, administrative officers, the SMO and PHC facility managers  
*Acceptable not to attend given workloads, leave etc; apologies sent*  
*Rotating chair drawn from among those attending, with additional, allocated timekeeper* |
| Intervention | Intended Purpose | Structure & Form |
|--------------|------------------|------------------|
| meeting management for those attending | **Intended Purpose** | Starts with a positive, opening round to hear all voices & relax people |
| Formally stated from Aug 2017: to allow sharing of information of importance to all in Area South; to enable oversight/accountability for all activities in Area South (embedded in Agenda template). | **Structure & Form** | Items of discussion each meeting include: |
| (Sources: researcher diary/observations; analysis of AMCM minutes) | | • 1-2 strategic issues (e.g. policy or service improvement priorities; critical challenges) - including small group discussions & (sometimes) thinking pairs |
| | | • where relevant, use of data in meetings to review activities & plan together |
| | | • one manager reporting on own strategic priority & progress (selected by lucky draw), as follow up to strategic planning meeting (repeat use of simple template) |
| | | • feedback from CityHealth HMT meeting (though also over time, sent by email to all) |
| | | • sometimes reports from partners working in Area |
| | | Often close with a round of appreciation or general reflection |
| Purposeful changes introduced Aug 2017 include: | | **Topics of discussion** June 2017-Nov 2018: business plans for different facilities/components; budget, finance, staffing issues; service expansion priorities; facility appointment system, compliments & complaints system; strategic planning meeting preparation & feedback; communication practices; water crisis planning; health information and use; staff safety and security; Ideal Clinic implementation; staff satisfaction survey feedback |
| | Collective planning & over time, reflection on the meeting process | |
| | Establishing clear agenda purpose & time-frame, focused around questions, with fewer items on agenda | |
| | Allocating timekeeper role to someone other than chair | |
| | Sending minutes in advance for prior review & suspending discussion of minutes & matters arising during meeting | |
| | Introducing focused discussion of strategic issues identified by participants, using small groups & thinking pairs | |
| | Topics of discussion | |
| | June 2017-Nov 2018: business plans for different facilities/components; budget, finance, staffing issues; service expansion priorities; facility appointment system, compliments & complaints system; strategic planning meeting preparation & feedback; communication practices; water crisis planning; health information and use; staff safety and security; Ideal Clinic implementation; staff satisfaction survey feedback | |
| Think Tank, from August 2017 | To: encourage managers to take more responsibility; build team across services & Area; think & plan together, set priorities; problem solve to support each other & decision-making outside meeting; plan for next A4MCM, with its chair | **Regular meetings**: every two weeks, mid-Aug to end Dec 2017; monthly in 2018 |
| (SE interviews, July 04, 2018, December 18, | All senior managers: PHC, env health, health promotion, pharmacy, administrative, HIS, and SMO; together with whoever is chair of next A4MCM | |
| | | **No agenda** |
| | | Chaired by Area manager, or substitute |
| | | Clear time limit: 2 hours only |
| | | Starts with an opening round to encourage reflection from all present |
| | | Followed by further rounds of information sharing or reflection & sharing experience |
| | | Include discussion of issues raised in A4MCM, or brought from HMT, and reflection on A4MCM and Think Tank processes |
| | | End with a round of appreciation or final information sharing |
| Intervention | Intended Purpose | Structure & Form |
|--------------|-----------------|------------------|
| 2018; analysis of Think Tank minutes) |               |                  |
**3: Details of dedicated AMCM service extension discussions 2017-18**

**sources:** researcher diary = italics; plain text= AMCM minutes analysis

| August 2017 |
| --- |
| • HMT feedback: Instruction from central level to implement PNC everywhere and geriatric care at larger facilities - launch stated as 1 October 2017; 2 facilities already offering (1 in each sub-district)  
• 2 PHC facility managers make presentations on PNC & geriatric care, from their clinic experience; followed by small group discussion to consider why important to offer these services, & what facilities need to do to implement them  
• Facility managers requested to discuss further with their staff, & to report experience during support and mentoring visits.  

_Brief inputs from managers not really clear; small group work not well thought through; Senior manager reported that PNC won’t be huge burden on most facilities_

| Sept 2017 |
| --- |
| • Facility managers were reminded that need to discuss new services with their staff – one manager then noted that she was not sure how to guide staff, she found this difficult. Some reported they had discussed, but others had not.  
• Facility managers noted that they felt providing geriatric care would be a challenge with existing infrastructure (lack of space); they also felt there would be skills’ problems. Whereas PNC easier to implement.  
• Facility managers were asked to consider what is possible within existing infrastructure & what additional needs are (but no additional guidance given); and to submit plans within 2 weeks. Those not submitting plans will be followed up.  
• Small group discussion on staffing norms followed initial inputs – and linked to service extension needs. 2 of 4 small groups thought specifically about geriatric care.  
• Small group discussion about how to manage provision of geriatric services; with report back focused on need to look at staff availability & workloads; staff turnover identified as a challenge so need to think about managing workplace skills plan more effectively. ‘discussion throws up quite a few ideas; and suggestion that ‘we need to talk more with each other’. PHC programme managers to take forward. Note: this was a good discussion, but not enough time for it, & end point not clear.  
• SE clarified why had asked managers to think more: need to understand staffing allocations. staffing norms are minimum to provide comprehensive package, indicates Area needs considerably more staff! But clearly not going to happen – have to ask: what can we do with staff we have? can posts be changed? All staff must be upskilled to provide comprehensive services. Previous quarter, vacancy rate of 9%  

| April 2018 |
| --- |
| Small group discussions consider what had been implemented from previous meetings, and reflect on implementation experiences:  
• PNC largely implemented as it is a continuation of BANC, but challenges of getting new staff & all staff need to be trained; need to make it more convenient for patients (all services offered by one provider)  
• Geriatric care not being implemented – & not all facilities provide chronic care. Few clients know that we do provide chronic services. Managers feel ‘outreaches’ work better for the elderly – so what need to provide at clinic? Most facilities don’t have full time nursing practitioners, doctors, pharmacy staff.  
• Implementing two new services simultaneously can be very confusing. Therefore, when new services are introduced there should be adequate co-ordination and a focus person to drive the process. Ensure clear communication with staff, so they do not feel it’s additional work, but rather buy into the idea that it’s merely a progression/improvement of existing services  
• Pharmacy support has improved; improvements in ordering process also noted |
