Primary Care, Community and Therapies Service Group HCAI Service Level Improvement Plan 2022/23

**This is a working document. Please check for updated versions. All am

	Goal	Method
1	Service Group level compliance with IPC governance and structures to ensure robust reporting mechanisms	Structured reporting at service, service group and Health Board level to ensure IPC priorities, risks, challenges and achievements are acknowledged and actioned PCTG HCAI/AMS subgroup to drive innovation, change and improvement. Provide a Responsibility and accountability

		 Targeted campaigns, education and training to achieve a reduction in Community acquired/ associated e.Coli bacteraemia cases. Specific areas to target: UTI campaign to promote appropriate prevention, management and treatment. Prescribing compliance
2	Reduce incidences of the following tier 1 targets for Community associated/ acquired infections; e.Coli bacteraemia Clostridioides difficile Staph Aureus bacteraemia	 Targeted campaigns, education and training to achieve a reduction in Community acquired/ associated Clostridioides difficile cases. Specific areas to target: Promotion of new c.difficile prescribing guidelines Specific PCTSG c.difficile improvement plan to tackle high rates of community associated c.difficile Specific PCTSG AMS improvement plan to tackle antibiotic prescribing in Primary Care Revised SEA reporting process to promote collaboration between Primary Care, PCTSG and IPC to identify lessons learned from each reported community c.diff case Targeted campaigns, education and training to achieve a reduction in Community acquired/ associated Staphylococcus Aureus bacteraemia cases. Specific areas to target: Staph. Aureus prevention campaign through collaboration between IPC, PCTSG and community wound clinics

		Increased IPC audit programme to ensure consistency, quality and compliance of standard IPC precautions in all PCTSG clinical services. Introduction of more robust reporting tools to seek assurance of compliance of SIPC precautions in independent contractor services.
		Improved IPC Level 2 compliance (Mandatory training) for all PCTSG clinicians
	Increase in compliance of Standard	Increased standard IPC precautions training
3	Infection Prevention and Control Precautions and training within Primary Care, Community and Therapies clinical services	Increased ANTT training and assessment compliance for clinicians performing aseptic non-touch procedures as part of their core role

	Targeted Care Home IPC Programme:
	Continuation of the dedicated IPC nursing role as joint
	LA/IPC resource to drive education, audit, innovation and
	best practice
	Improved communication between IPC/PCTSG/LA/
	Independent Care Homes to promote IPC training,
	resources and improved environmental standards
	Increased accountability and assurance in Care
	Home IPC audit, reporting, improvement and innovation
	nome inclaudit, reporting, improvement and innovation
	Increased IPC support and empowerment of staff
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	Prudent use of the two-session/week resource of the
	Clinical Lead for AMS/HCAI to drive prescribing
	improvements within Primary Care
	Improved collaboration and engagement between
	PCTSG, Antimicrobial Pharmacy Team and General
	Practice
Improved Antimicrobial Stewardship	

4	within General Practice. Improved compliance with Antibiotic prescribing guidelines and SBUHB formulary within General Practice. Reduction in antibiotic prescribing in General Practice	Continuation of the 4C prescribing reduction campaign with the main focus on the top 3 highest prescribing practices within SBUHB which remain outliers in Wales. Improvement is needed through reduction of 4C broad spectrum antibiotic prescribing in each of the top 3 practices over the next 12 months
		Target top 3 outlier practices in SBUHB for overall poor/high antibiotic prescribing
	Improved communication and engagement within Primary Care,	Dedicated IPC Champions in every PCTSG service. Introduction of IPC Champions in independent contractor practices

5	Improved service level communication to wider staff and teams regarding IPC successes, challenges and risks
	Improved GMD and GND communications relevant to IPC to promote whole system buy in

endments to be discussed and agreed within PCTSG HCAI/AMS sub group

Baseline Position	Qtr 1
Service Group level reporting to Health Board Infection Control Committee.	Establish a flowchart to outline the reporting structure for ICC, Subgroups,
Service group level reporting into HCAI/AMS subgroup	Quality and Safety and forum assurance
PCTG HCAI/AMS subgroup in place every quarter. Key membership from PCTG, IPC, Antimicrobial Pharmacy teams.	Expand the membership of the PCTG HCAI/ AMS subgroup to include independent contractor represenatives, HMP Prison, Care Homes sector, digital and business intelligence teams. Increase the frequency of the meeting to bi- monthly. Meetings arranged up to March 2023
Shared accountability between the Group Nurse Director and Group Medical Director to ensure PCTG IPC Lead established to steer progression, reporting and actions	Maintain senior level input to drive IPC as a priority for all PCTSG. High level scruitiny of PCTSG IPC performance

UTI Campaign task and finish Group Ingagement with GP, Care Homes and OOH VG Improvement Goal: <8 cases/month (HB) Target: <2 CAI cases/month Collaboration between IPC and PCTSG to Istablish a new c.difficle SEA reporting pathway
arget: <2 CAI cases/month Collaboration between IPC and PCTSG to
arget: <2 CAI cases/month Collaboration between IPC and PCTSG to
VG Improvement Goal: <6 cases/month (HB) Farget: <3 CAI cases/month
crutiny of staph aureus community cases for 021/22 - IPC and PCTSG dentify themes/trends/correlations of data

Current IPC audit programme in place for core PCTG clinical services. Lack of reporting structure for all audits completed at service level. Lack of evidence and assiurance from independent contractor services to determine overall compliance of standard IPC precautions to improve patient care	Scoping and scruitiny of current audit programmes relating to IPC within PCT services. Audit reporting system re-design.
Current PCTSG compliance for IPC level 2 is 22.70%. This is above the overall Health Boardcompliance of 18.92% but improvement is needed in all clinical teams, specifically Medical and Dental and Nursing.	Dissemination of the 'how to' guides for IPC level 2 mandatory training Promote the use of PADRs to discuss compliance with clinicians Wider distribution of training requirements via GMD communications, Service Group Q&S meetings
Deficit in structured training pathways for SIPC precautions specific to each clinical service	Collaboration between IPC and PCTSG to commence service level SIPC training specific to the clinical area. Complete 1 service area in quarter 1.
Current ANTT compliance is poor across PCTSG clinical services. There is no data currently available regarding compliance of Independent Contractor clinicians	Establish current compliance of ANTT training and assessment for PSTCG Liaise with IPC to formulate a training plan
Increased community acquired infection rates highlight the need for ANTT training and promotion of train the trainer courses to ensable service level assessment.	

Initial scoping exercise complete of general Care Home	Secure continuation of funding for further fixed
compliance and Standard IPC precautions.	term 12 month contract.
Results of behavioural change survey shows need for focus on key IPC processes including PPE use, decontamination, hand washing. Targeted education needed in hydration, UTI diagnosis and management - training and resources.	Recruit nursing resource for IPC support. Scrutinise data from recent behavioural change surveys to help target priorities for quarter 2, 3 and 4. Scrutinise data from all 45 completed Care Home audits to date to identify themes and trends.
Current 24-month fixed term contract commenced in February 2022. Current responsibilities include leading the PCTSG UTI Campaign in three prirotiy areas; General Practice, Care Homes and GP Out of Hours.	Initial engagement with PCTSG, attendance at HCAI/AMS subgroup. Commence initial communication with GP Practices regarding AMS. Commence the initial scoping exercise for the UTI Campaign. Scrutiny of baseline prescribing data
Effective collaboration between the Antimicrobial	Improvement through engagement

Pharmacy team and PCTSG is already in place. Further
targeted resource will allow greater collaboration and
support to drive change and improvement at pace.Dissemination of information to all practices
regarding targeted prescribing improvementsGeneral communication platform in place between
PCTSG and General Practice across SBUHB. TargetedPromotion of the SBUHB formulary App -
increased engagement and campaining to place

PCTSG and General Practice across SBUHB. Targeted input and collaboration needed to strengthen prescribing action plans for the next 12 months. Increased engagement and campaining to pla the app onto each desktop within general practice

Significant improvement seen in prescribing of 4C broad	Engagement with all 3 top prescribing practices
spectrum antibiotics in the last 24 months within SBUHB	for 4C antibiotics.
Primary Care. Data from 2020 shows SBUHB as the	
highest 4C prescribers in Wales, current data shows	Agreed collaboration between the identified
SBUHB as the lowest 4C prescribers.	practices, PCTSG and antimicrobial Pharmacy team
Further work needed to target the outliers of this	
campaign, with 10 practices still above the UK	Action plan devised between PCTSG and
prescribing avaerage and 3 practices continuing to sit	Antimicrobial Pharmacy team to to determine
within the top quarter of 4C prescribers in Wales:	the level of support to be offered to each
Cymmer/Cwmavon (Afan), Harbourside (City), Estuary	practice to devise bespoke practice
Group Practice (Llwchwr). 10% minimum reduction	improvement plans.
needed in 4C prescribing data for each of these practices	
in accordance with national prescribing indicators	
38 out of 49 GP Practices in SBUHB are currently sat	Engagement with all 3 top prescribing practices
above the English average for antibiotic prescribing.	for all antibiotic groups.
25 out of 49 practies in SBUHB are sat above the Welsh	
average for antibiotic prescribing.	Agreed collaboration between the identified
	practices, PCTSG and antimicrobial Pharmacy
The top 3 outlier practices in SBUHB are	team
Cymmer/Cwmavon (Afan), Kings Surgery (Afan) and	
Mountain View practice (City). A minimum 10%	Action plan devised between PCTSG and
reduction is needed in antibiotic prescribing data for	Antimicrobial Pharmacy team to to determine
each of these practices in accordance with the national	the level of support to be offered to each
prescribing indicators.	practice to devise bespoke practice
	improvement plans.

Some IPC campions remain wihtin PCTSG services due to	No progression in quarter 1. Await
historic adoption of this role.	commencement of UTI campaign prior to
No current role definement for PCTSG IPC Champions	establishing champions.
No current IPC Champions listed for independent	
contractor services on formal notification basis	
Need for role definement an empowerment	

Limited and sporadic communication to wider PCTSG	Initial discussions and ideas between Head of
via GMD bi-monthly emails.	Nursing, GMD and GND to establish a relasitic,
No specific IPC communication relating to PCTSG	informative IPC communications programme
achievements, challenges and risks.	
Information disseminated via forums and Board, wider	
context to comms to al clinical and non-clinical staff	

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Qtr 2	Qtr 3
Improved communication and reporting between service level and service group level through digital reporting platforms	Improved efficiency in communication and reporting between service level, service group level and Health Board level through use of digital platforms and improved responsibility
Review priorities and updates on targeted campaigns associated with tier 1 target improvement.	Ensure progress achieved on specific reduction campaigns associated with c.difficile and e.Coli bacteraemia. Ensure outcomes are measured and early improvement is achieved. Commencement of targeted reduction measure for Staph Aureus associated with wound care.
Maintain senior level input to drive IPC as a priority for PCTSG. High level scruitiny of PCTSG IPC performance	Maintain senior level input to drive IPC as a priority for PCTSG. High level scruitiny of PCTSG IPC performance

Target: <15 CAI cases/month Analysis of progress to date Initial feedback and evaluation Targeted support to Care Homes and GP to Torontinue WG Improvement Goal: <8 cases/month (HB) Target: <2 CAI cases/month
nitial feedback and evaluation Targeted support to Care Homes and GP to continue WG Improvement Goal: <8 cases/month (HB)
crutiny of qtr 1 and 2 monthly reporting data Continued engagement and collaboration with independent contractors and wider PCTSG service egarding c.difficle prevention and reporting crutiny of prescribing data and patient PMH for issociated c.difficile toxin positive cases
WG Improvement Goal: <6 cases/month (HB) Target: <3 CAI cases/month Establish pilot project to promote prevention of taph aureus in skin conditions. Wound care clinic based pilot.

Engagement at service level for all PCTSG teams and independent contractors. Introduction of new pathway of reporting for audit compliance	Monitoring of audit compliance and reporting
Review of compliance. Expected increase of 5% for PCTSG Ongoing promotion of 'how to guide' and message to managers regarding annual mandatory completion	Review of compliance. Expected increase of a further 5% for PCTSG Ongoing promotion of 'how to guide' and message to managers regarding annual mandatory completion
Continued collaboration between IPC and PCTSG to	Continued collaboration between IPC and PCTSG
commence service level SIPC training specific to the clinical area. Complete a further 2 service areas in quarter 2.	to commence service level SIPC training specific to the clinical area. Complete a further 3 service areas in quarter 3.
Continuation of training plan.	Engagement between independent contractors
Minimum of two trainers per service. Target services for quarter 1 & 2: HMP Swansea, ISH, Dental.	and IPC/PCTSG to establish a complaince and training plan for General Practice and Care Homes.
	Target services for quarter 3: Healthy Bladder & Bowel, Wound Care, Gorseinon West Ward.

Complete recruitment of new nursing resource for	Continued targeted IPC support to invidiual Care
Care Home IPC.	Homes
Development of support package based on	Improved communication and collaboration
themes and trends of 2021/22 audits.	
	Development of online webinar type resources
Continuation of individual care home audits and	based on identified themes and trends
implementation of quality improvement plans	
based on identified areas of development	Gradual introduction of Care Home specific IPC
	champions - per care home.

Set up and chair the UTI campaign task and finish group. Agree key prirorities associated with General Practice, Care Homes and GP OOH. Seek approval and collaboration with independent contractor services and GP OOH. Devise resources to support the UTI Campaign to include Hydration, 'Know your Urine', diagnosis, management and prescribing. Collaboration with iwder PCTSG services to gain 'buy-in' for campaign success	Monitor outcomes of the task and finish group Target high prescribing practices for associated UTI treatment. Collaboration with the Care Homes IPC Nursing resource
Improvements to practice prescribing resources and guidelines through digital improvements	Improvements to practice prescribing resources and guidelines through digital improvements More effective, safe prescribing habits aligned to natonal prescribing indicators

Audit of practice prescribing processes associated	Targeted education to whole practice teams
with broad spectrum antibiotics	and individual prescribers
Targeted education to whole practice teams and	Script switch processes, introduction of the
individual prescribers	SBUHB prescribing formulary on all desktops
	Idetification of any specific training development
	needed for prescribers
Audit of practice prescribing processes associated	Targeted education to whole practice teams
with all antibiotic groups	and individual prescribers
Targeted education to whole practice teams	Script switch processes, introduction of the SBUHB
and individual prescribers	prescribing formulary on all desktops
	Idetification of any specific training development
	needed for prescribers

Role definement	Continued engagement with independent
Engagement with services and independent	contractors
contractros to promote the concept and positive	IPC champions to be identified in each service
outcomes associated with this role	and names added to central spreadsheet.

Engagement with service leads to ensure timely and appropritae reporting of IPC achievements and challenges. Reporting to be via dedicatedlive Teams channel for continuous update.	Continued promotion of IPC challenges, risks, achievements to all service leads for dissemination to teams.
Template format for joint GND/GMD IPC updates to be devised for wider service group distribution	Commencement of ad hoc IPC updates at service group level utilising the devised GND/GMD template.

Qtr 4	Outcome
Efficient and effective reporting between all levels of responsibility. Improved communication, understanding and compliance.	Improved IPC outcomes aligned to WG reduction expectation targets Improved understanding of PCTG IPC priorities Improved patient and staff safety Reduction in HCAIs associated with the community linked with WG tier 1 targets
Subgroup to evaluate improvement outcomes in areas linked to c.difficile, e.coli, staph Aureus. Business intelligence/digital support to interpret the HCAI data associated with community acquired/associated infection and comparison with WG redcution expectations	
Maintain senior level input to drive IPC as a priority for PCTSG. High level scruitiny of PCTSG IPC performance	

WG Improvement Goal: <21 cases/month (HB) Target: <15 CAI cases/month Evaluation of outcomes and initial data Improvements, challeneges, risks to date Sustainability plan to be implemented WG Improvement Goal: <8 cases/month (HB)	Direct reduction in E.coli, C. difficile, Staph aureus in accordance with Health Board priorities and WG reduction expectation rates Expected reduction rates: E.Coli = minimum of 10% C.Difficile = minimum of 10% Staph Aureus = 5 - 10% Overall improvement in CAI rates
WG Improvement Goal: <8 cases/month (HB) Target: <2 CAI cases/month Scrutiny of qtr 1, 2 and 3 monthly reporting data itentify themes and trends. Continued engagement and collaboration with independent contractors and wider PCTSG service regarding c.difficle prevention and reporting Scrutiny of prescribing data and patient PMH for associated c.difficile toxin positive cases	Improved patient safety Reduced risk of harm Improved care Cost improvement
WG Improvement Goal: <6 cases/month (HB) Target: <3 CAI cases/month Initial analysis, scrutiny and adaptation of pilot project for wound care. Initial qualitative and quantative evidence to be identified. Agreed actions and outcomes between IPC, PCTSG, Wound care team Continuation of plilot project.	

Evaluation of audit and reporting processes to	Reduction in CAIs
ensure increased compliance, quality and	
frequency.	Improved knowledge and skills
	Improved patient outcomes
	Improved quality care
	Improved patient and staff safety
Review of compliance. Expected increase of a	
further 10% for PCTSG. Overall compliance to be	
> 42%	
Ongoing promotion of 'how to guide' and	
message to managers regarding annual	
mandatory completion	
Continued collaboration between IPC and PCTSG	
to commence service level SIPC training specific	
to the clinical area. Complete a further 3 service	
areas in quarter 4.	
Continued engagaement with independent	
contractors. Advancement of data gathering for	
compliance.	
Offer of Independent Contractor specific train the trainer ANTT sessions.	
the trailler ANTT Sessions.	
Taret services for quarter 4: Virtual Ward, ACT,	
DN, Home First	

Analysis of 12 month engagement with Care	
Home sector. Deep dive into audit data to	
highlight areas of improvement and those	
requiring further priority and support.	
Scruitiny of prescribing data based on 6 month	Note continued scruity of prescribing
	data needed to establish improvements
lag. Note any initial improvement	
Evaluate the campaigns outomes to date and	due to 6 month data lag
adapt as necessary. Continue the focus on Care	
Home training, education and resources	Improved patient experience and care
	Reduction of harm
	Improved patient outcomes
	Reduction in inapproproprite abx
	prescribing
Improvements to practice prescribing resources	
and guidelines through digital improvements	Reduction community infection rates
and galdelines through digital improvements	
More effective, safe prescribing habits aligned to	
natonal prescribing indicators	

Initial audit of data for quarter 2 - note 6 month lag of prescribing data.	
Continue targeted education and support	
Promote empowerment and sustainability of prescribing choices	
Ensure digital resources are in place to support enhancement of prescribing practices	
Initial audit of data for quarter 2 - note 6 month lag of prescribing data.	
Continue targeted education and support	
Promote empowerment and sustainability of prescribing choices	
Ensure digital resources are in place to support enhancement of prescribing practices	

Commence utilisation of IPC champion roles	Improved communication
to disseminate IPC indformation their service/	
practcie areas, promote good effective IPC	Promotion of IPC as every persons
processes and act as link person between service	responsibility
areas and PCTSG/IPC	
	Improved staff and patient outcomes
	Improved knowledge and skills
	Reduction of potential harm through
	awareness of IPC risks and challenges

Continued promotion of IPC challenges, risks,	
achievements to all service leads for	Celebrating good practice
dissemination to teams. Analysis of service level	
feedback.	

Digital Implications	Responsibility
Increased support needed in quarter 2 and 4 from business intelligence/digital teams to enable deep dive and scruitiny of PCTG HCAI data to establish areas of improvement and ongoing challenge.	Group Medical Director Group Nurse Director Head of Nursing (PC)
	Increased support needed in quarter 2 and 4 from business intelligence/digital teams to enable deep dive and scruitiny of PCTG HCAI data to establish areas of improvement and

PCTSG workforce support to achieve	Increased support needed	Group Medical Director
PCTSG workforce support to achieve	in quarter 2 and 4 from business	Group Medical Director
the necessary outcomes associated with		
this improvement plan - Business Support	intelligence/digital teams to	Group Nurse Director
Manager, admin support, dedicated IPC	enable deep dive and scruitiny	
nursing, Pharmacy Technician, Business	of PCTG HCAI data to establish	Head of Nursing (PC)
intelligence and Digital resource.	areas of improvement and	
	ongoing challenge.	Antimicrobial Pharmacy
Cost of campaign resources - variable		team
		Independent contractor
		leads
		Clinical Lead for HCAI/AMS
		Heads of Service

Associated IPC, PCTSG, business support	Digital support to extract,	Group Medical Director
and Digital workforce to extract, interpret	interpret and action IPC data	
and action data.	achievements and deficits.	Group Nurse Director
IPC and PCTSG workforce to promote, monitor and report data	Support with overall PCTSG position and service level	Head of Nursing for PC
	attainment.	Heads of Service
		All PCTSG Clinicians
		IPC
Workforce commitment associated		
with training. Approximately 3 sessions		
per month of IPC Nursing time. 1 session		
per month of administration to co-		
ordinate training, ongoing actions and		
reporting.		
PCTSG workforce support to achieve		
the necessary outcomes associated with		
this improvement plan - Business Support		
Manager, admin support, dedicated IPC		
nursing, Pharmacy Technician, Business intelligence and Digital resource.		
intenigence and Digital resource.		

PCTSG workforce support to achieve	Digital support to extract,	Group Medical Director
the necessary outcomes associated with	interpret and action IPC data	Group Nurse Director
this improvement plan - Business Support	achievements and deficits.	Head of Nursing for PC
Manager, admin support, dedicated IPC	Support with overall PCTSG	Heads of Service
nursing, Pharmacy Technician, Business	position and service level	All PCTSG Clinicians
intelligence and Digital resource.	attainment.	IPC

PCTSG workforce support to achieve	Digital support to extract,	Group Medical Director
the necessary outcomes associated with	interpret and action IPC data	Group Nurse Director
this improvement plan - Business Support	achievements and deficits.	Head of Nursing for PC
Manager, admin support, dedicated IPC	Support with overall PCTSG	Heads of Service
nursing, Pharmacy Technician, Business	position and service level	All PCTSG Clinicians
intelligence and Digital resource.	attainment.	IPC