

Appendix Table 2 – TDF Guide with Definitions Relevant to Breast Cancer Screening Behaviours;
adapted from Atkins 2017, not all TDF domains included

TDF Domain	Definition/Construct in TDF Guide	Breast Cancer Screening Relevant Definition/Example
Behavioural Regulation	Anything aimed at managing or changing objectively observed actions	<ul style="list-style-type: none"> • Use of prompts serving as a reminder to perform risk assessment or discuss screening
Beliefs about Capabilities	Acceptance of the reality about an ability that a person can put to constructive use	<ul style="list-style-type: none"> • Beliefs in capabilities to perform shared decision making • Beliefs in capabilities to explain when/why screening not recommended
Beliefs about Consequences	Acceptance of the reality about an outcome of a behaviour for a given situation	<ul style="list-style-type: none"> • Beliefs that discussing screening harms will change a woman's decision • Beliefs that a referral to genetics will be declined
Emotion	A complex reaction pattern by which the individual attempts to deal with a significant event (fear, anxiety, stress...)	<ul style="list-style-type: none"> • Physicians describe emotion surrounding a diagnosis of breast cancer in a prior patient
Environment context and Resources	Any circumstance of a person's environment that discourages or encourages the development of skills/abilities	<ul style="list-style-type: none"> • Risk assessment tools (resource) being cumbersome to use • Breast clinics being easy to refer to
Intentions	A conscious decision to resolve to act in a certain way	<ul style="list-style-type: none"> • Setting an intention to always behave in a specific way regarding screening (ie to always or never screen)
Knowledge	Awareness of the existence of something (knowledge of scientific rationale, task)	<ul style="list-style-type: none"> • Awareness of breast cancer risk factors or screening tools • Awareness/understanding of the benefits and harms of screening
Reinforcement	Increasing the probability of a response by arranging a dependent relationship between the response and a given stimulus	<ul style="list-style-type: none"> • A periodic health review reinforces providers to consider screening
Skills	Ability or proficiency (skills, competence, interpersonal skills)	<ul style="list-style-type: none"> • Skills to perform a breast cancer risk assessment • Interpersonal skills for shared decision making
Social/Professional Role and Identity	A set of behaviours and personal qualities of an individual in a work setting	<ul style="list-style-type: none"> • Role to perform shared decision making • Role related to genetics / high-risk screening referrals
Social Influences	Interpersonal processes that can cause individuals to change their thoughts or behaviours	<ul style="list-style-type: none"> • Family physicians hear that radiologists advocate for screening in all women 40-49 and consider doing so themselves